

Program EVALPLOT
(Version 2018-1)

by

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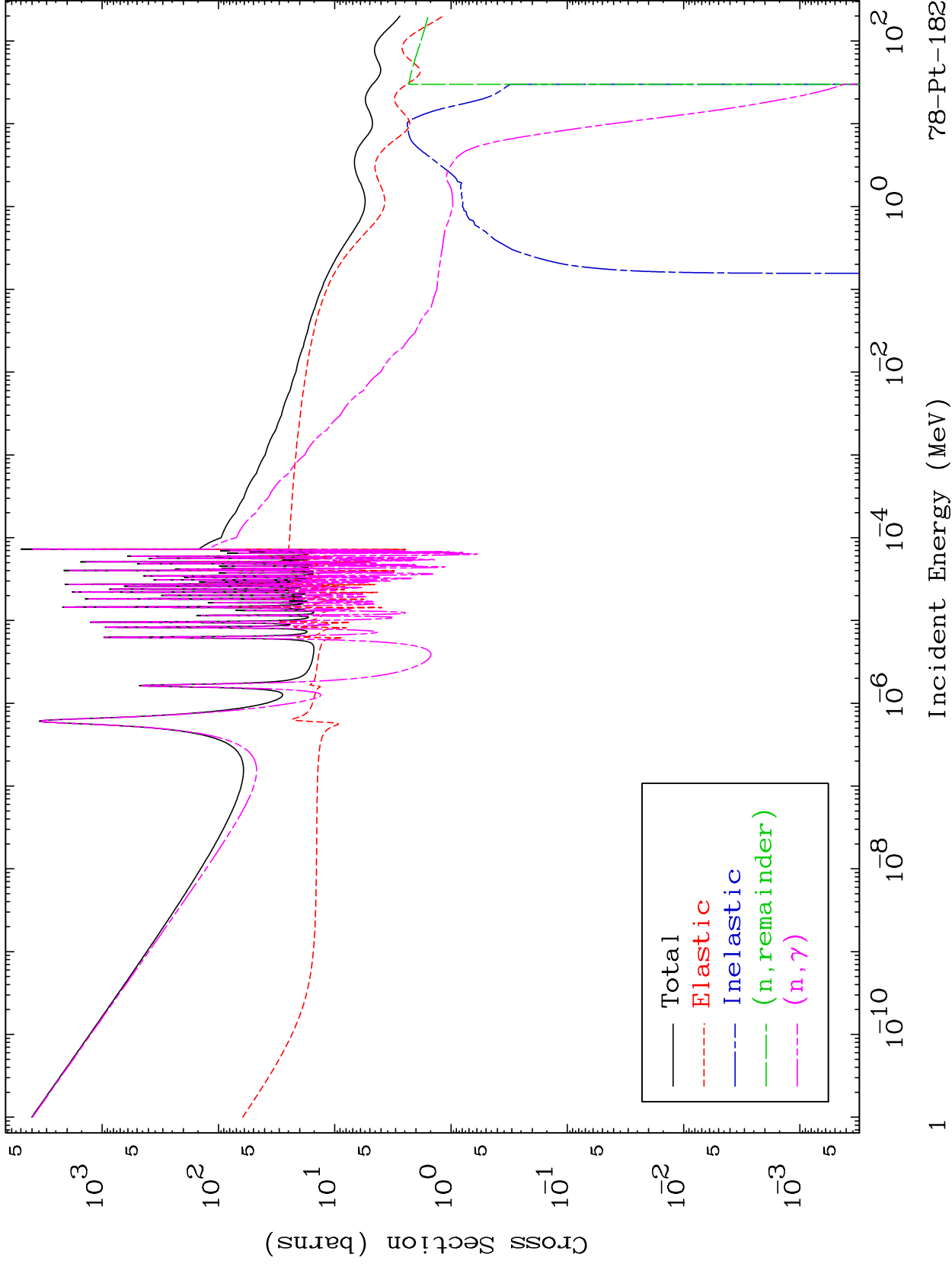
Press Mouse Button to Start

MAT 7801

Major

293 Kelvin Cross Sections

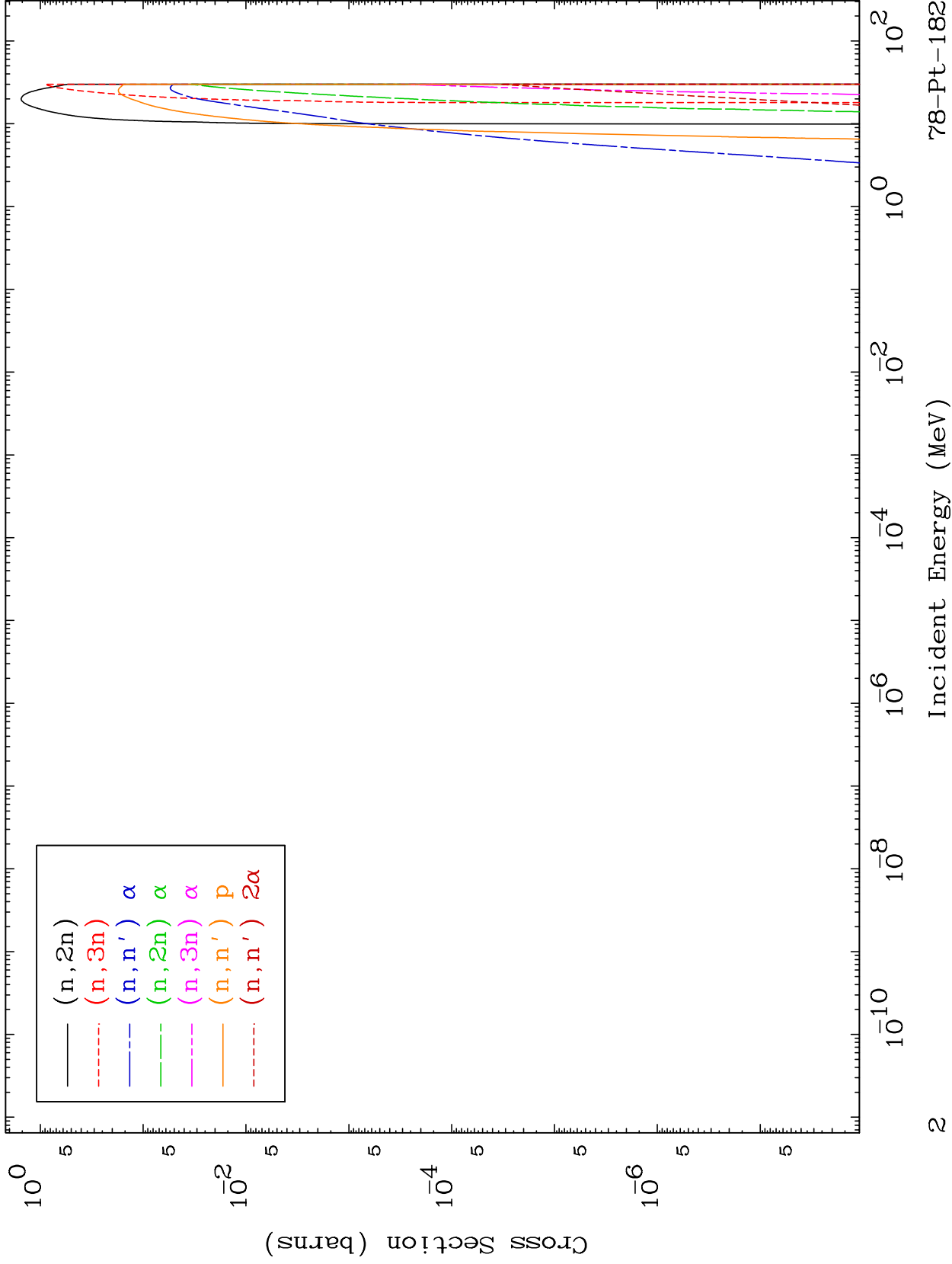
78-Pt-182



MAT 7801

Neutron Production
293 Kelvin Cross Sections

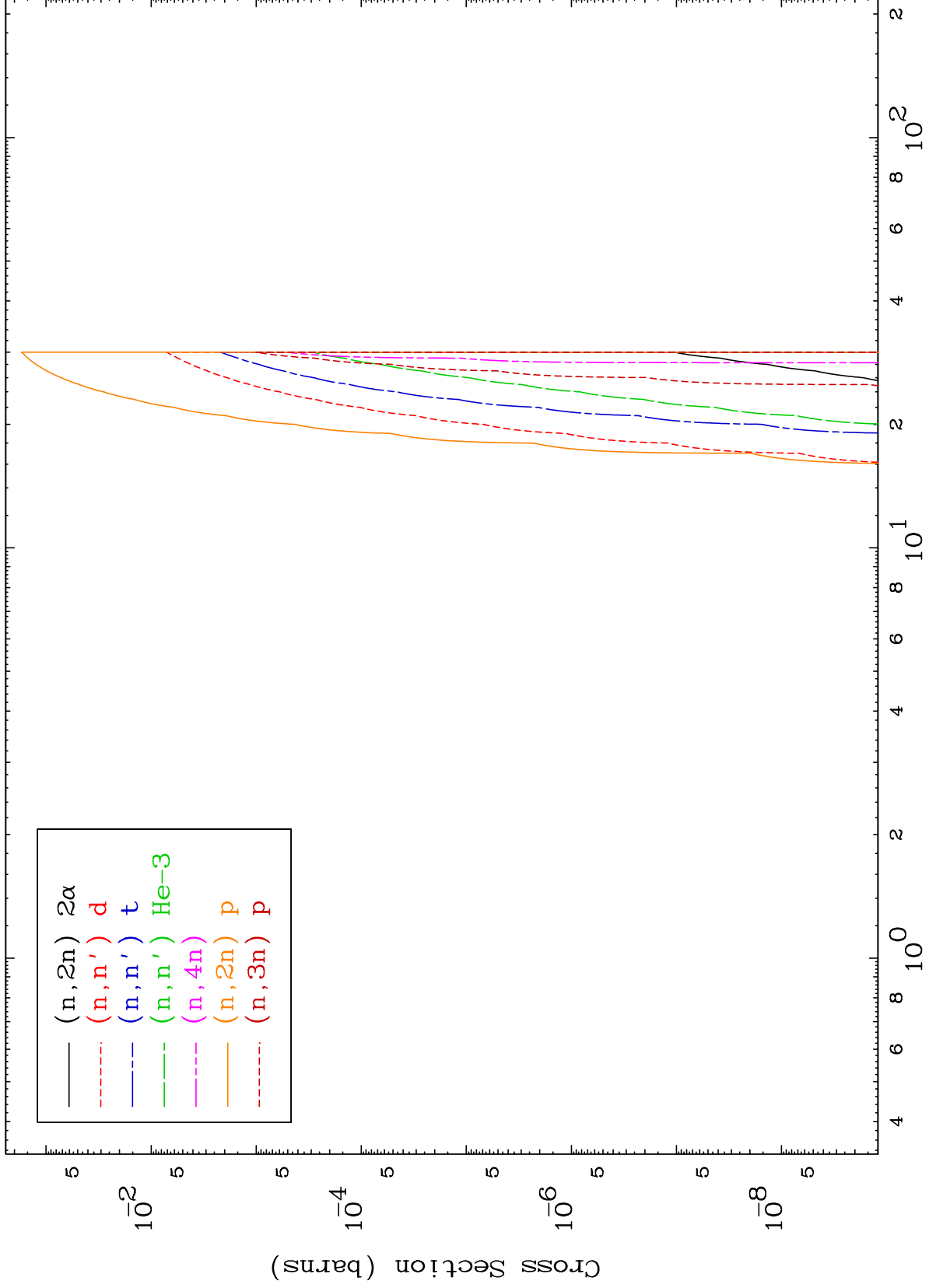
78-Pt-182



MAT 7801

Neutron Production
293 Kelvin Cross Sections

78-Pt-182



3

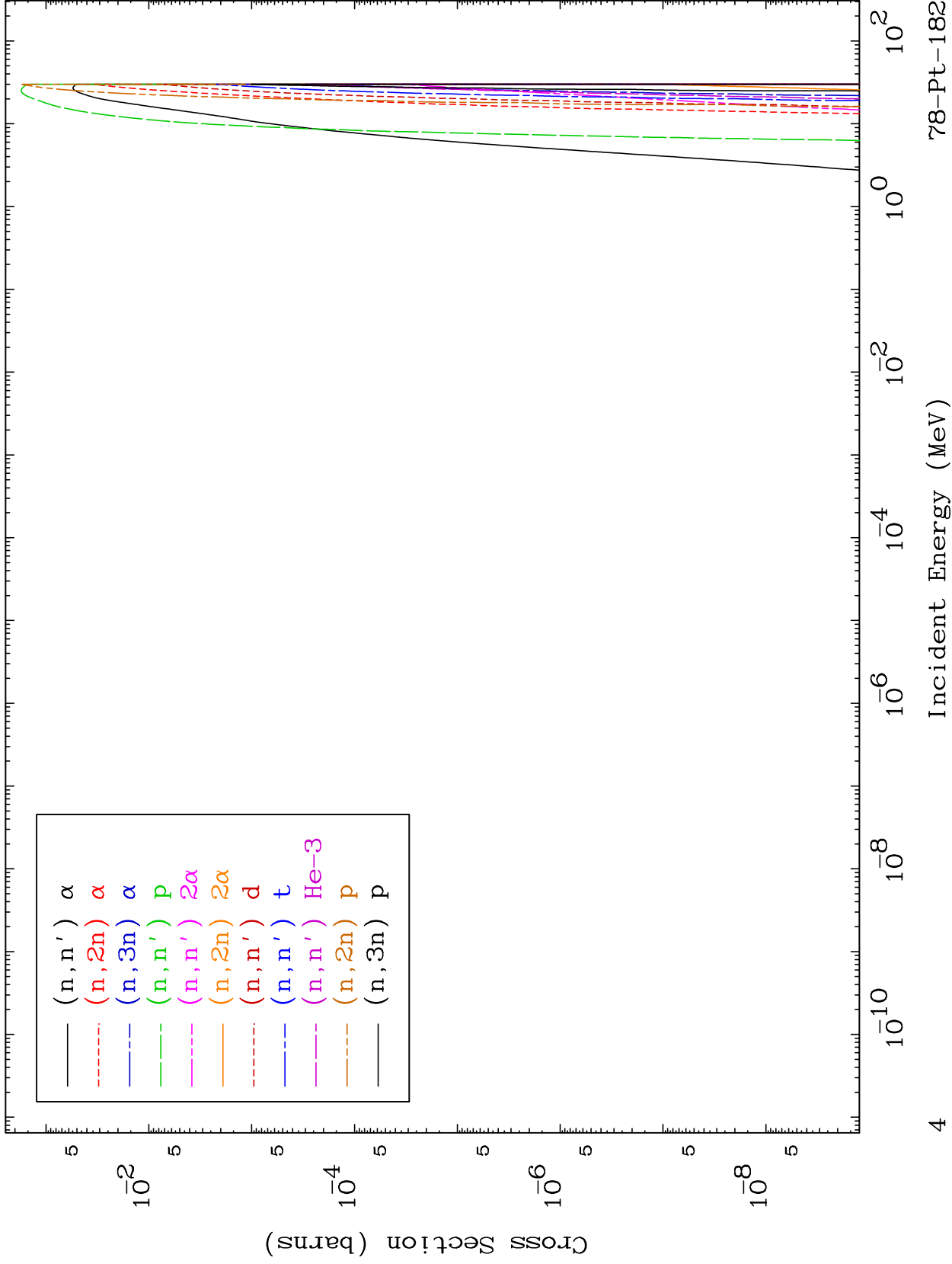
Incident Energy (MeV)

78-Pt-182

MAT 7801

Charged Particle
293 Kelvin Cross Sections

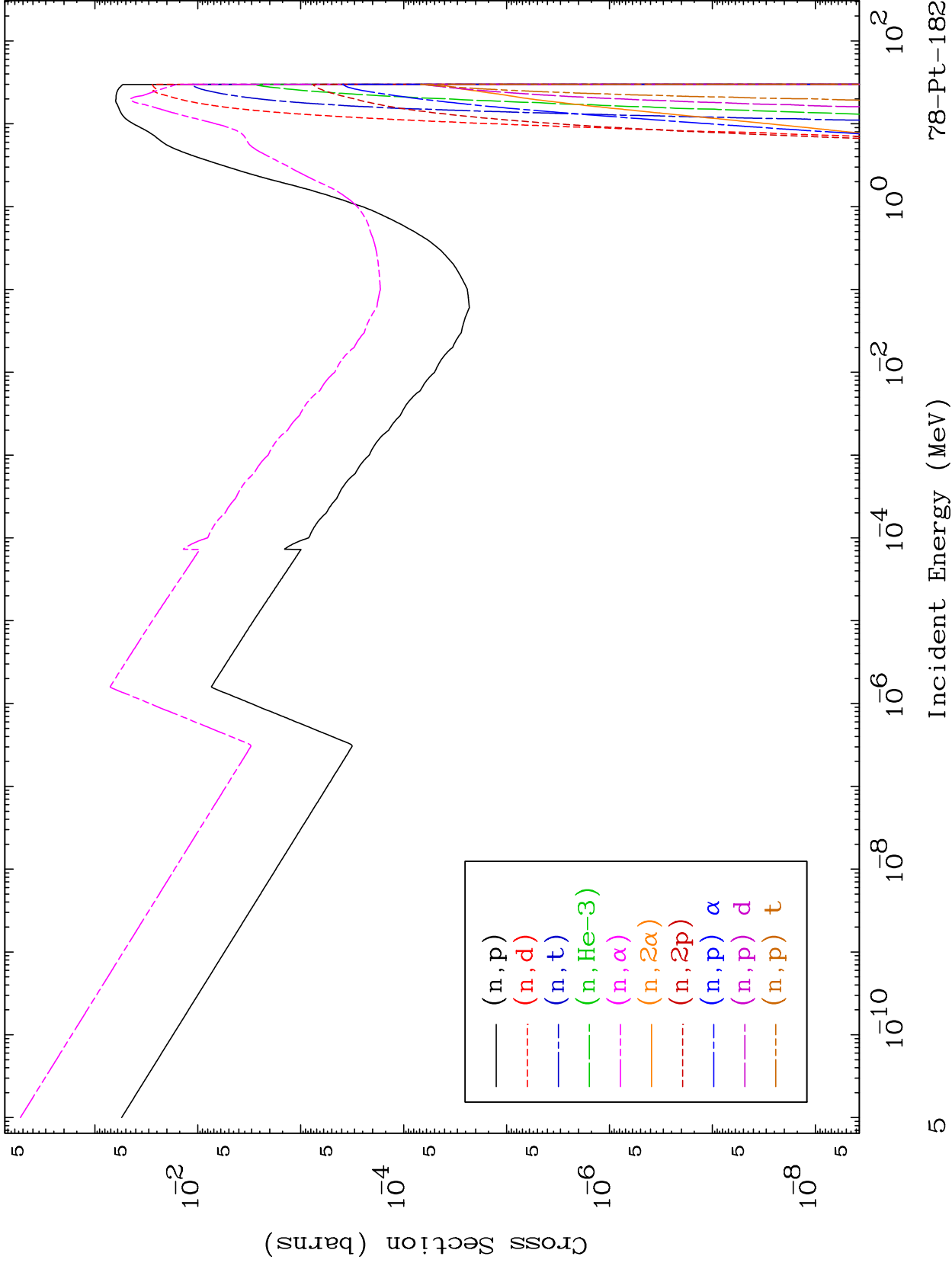
78-Pt-182



MAT 7801

Charged Particle
293 Kelvin Cross Sections

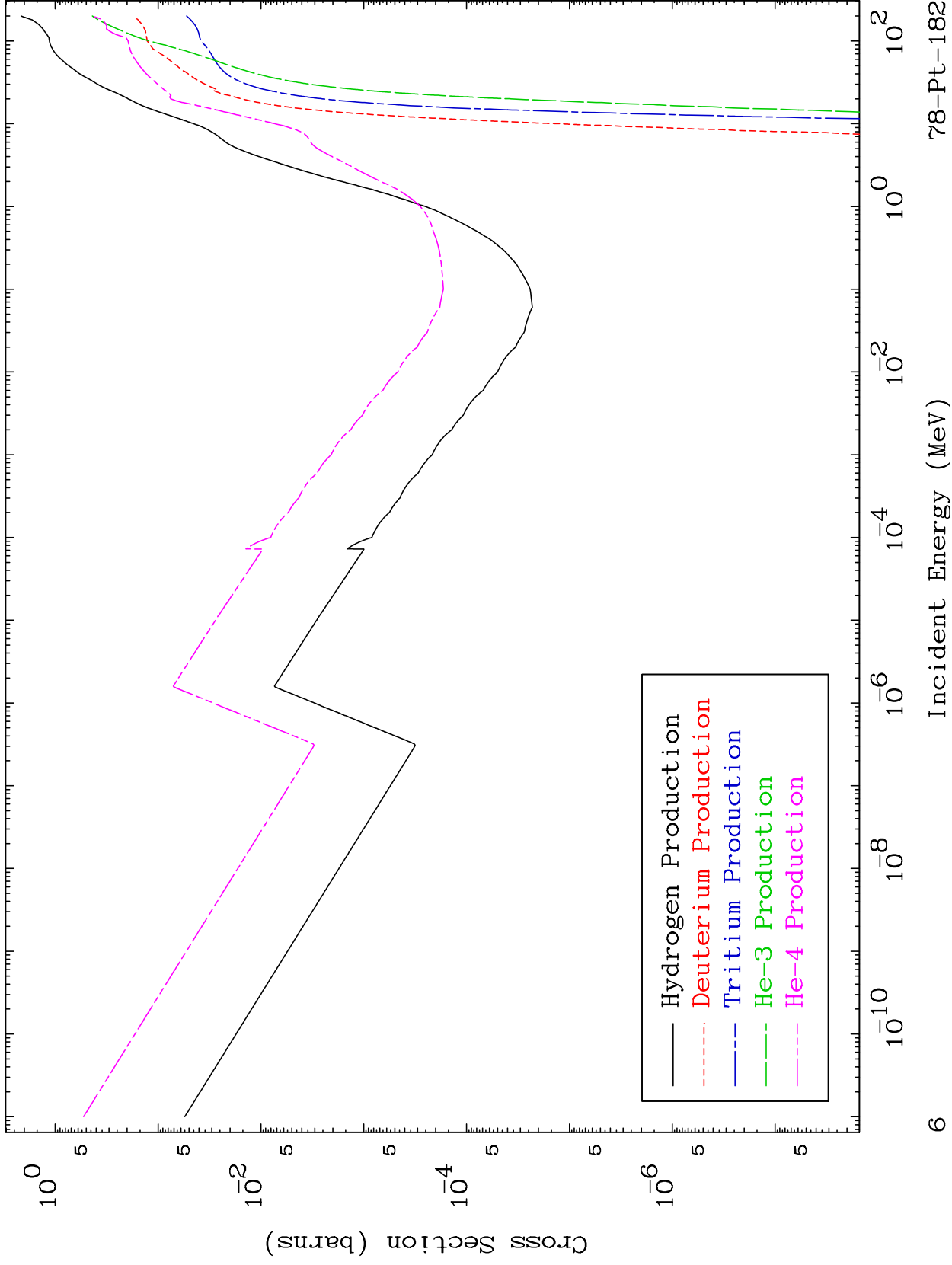
78-Pt-182

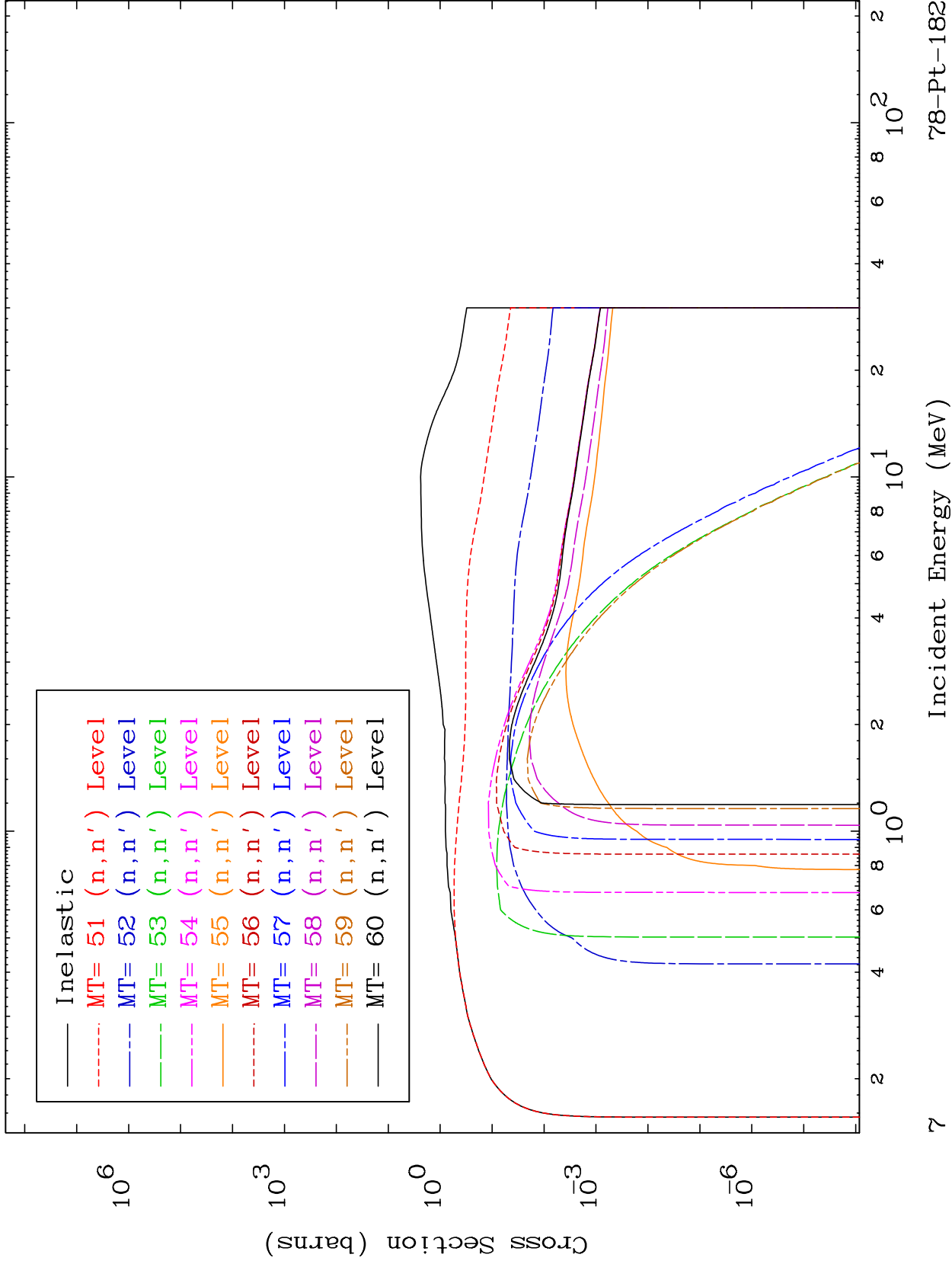


MAT 7801

Particle Production
293 Kelvin Cross Sections

78-Pt-182



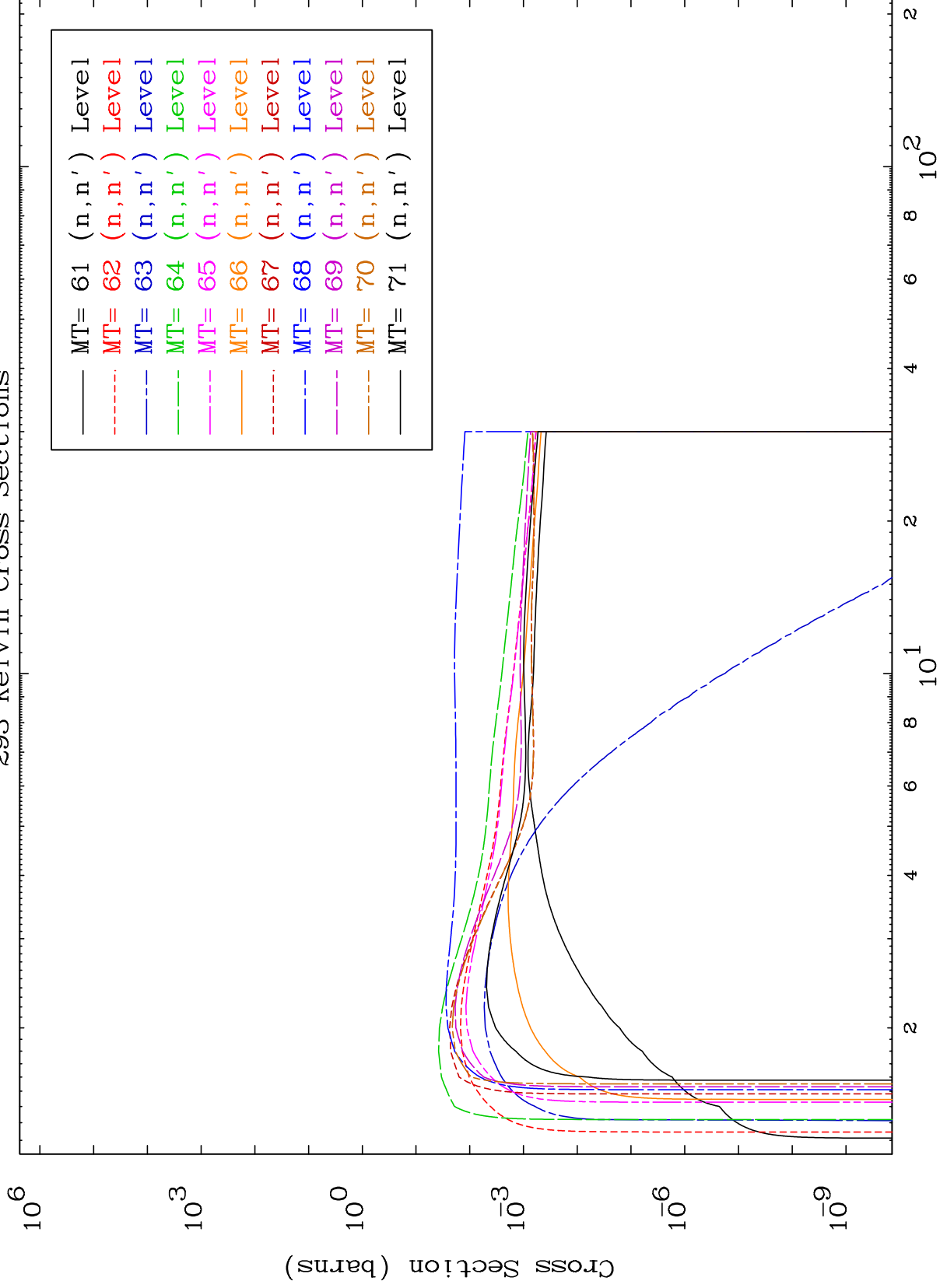


MAT 7801

(n,n') Level

293 Kelvin Cross Sections

78-Pt-182



8

Incident Energy (MeV)

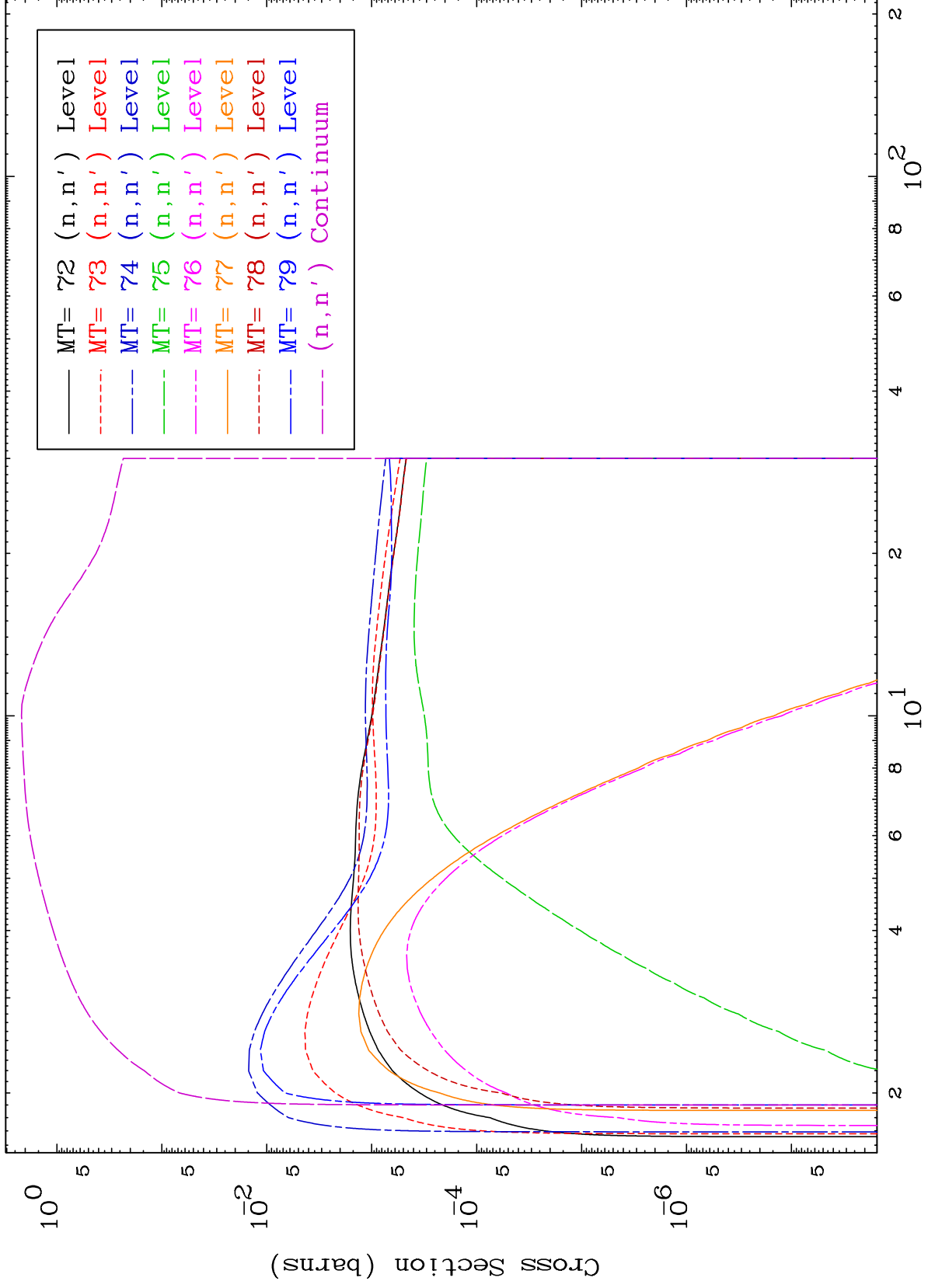
78-Pt-182

MAT 7801

(n,n') Level

78-Pt-182

293 Kelvin Cross Sections



9

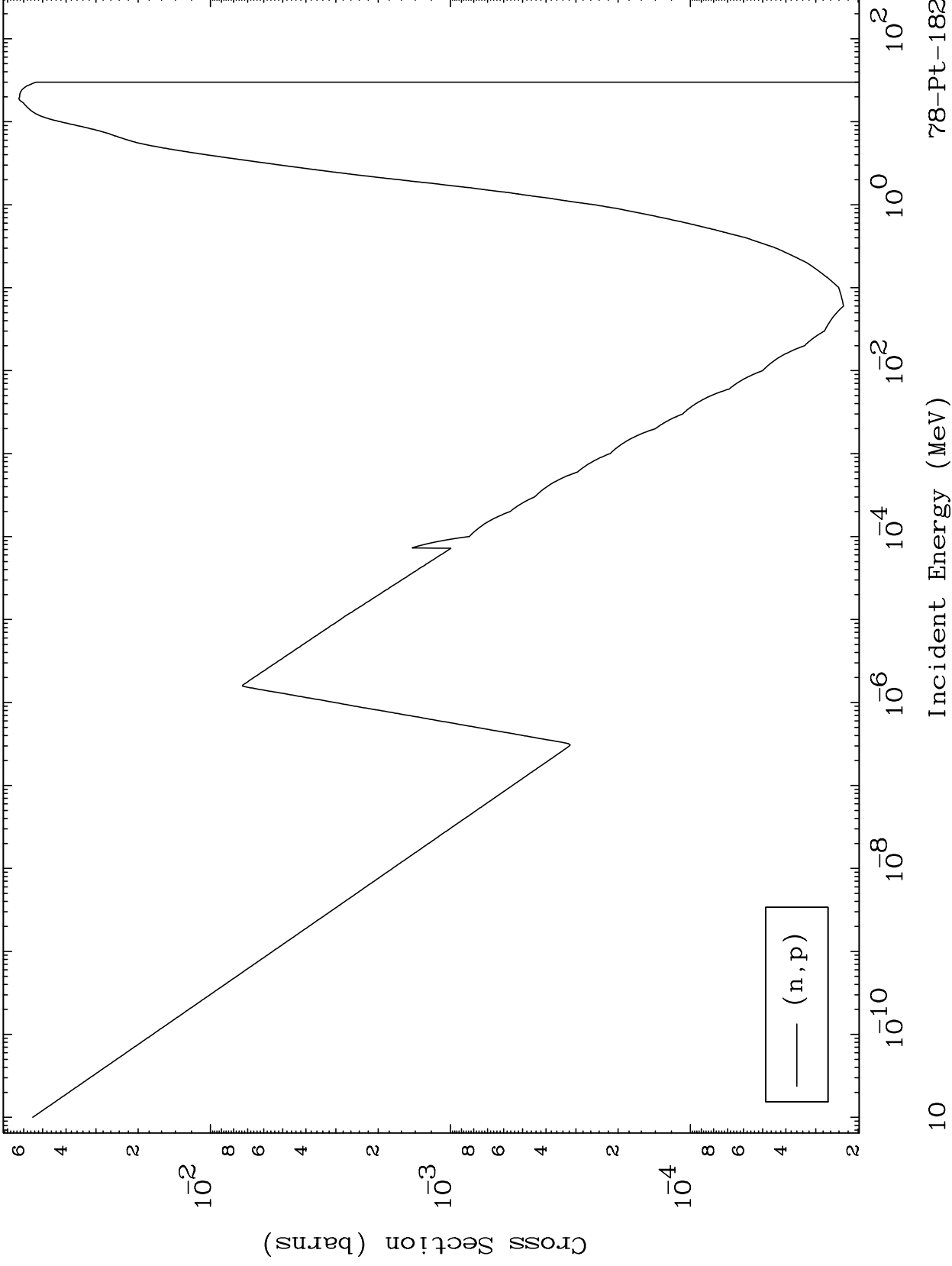
Incident Energy (MeV)

78-Pt-182

MAT 7801

(n,p) Levels
293 Kelvin Cross Sections

78-Pt-182



10

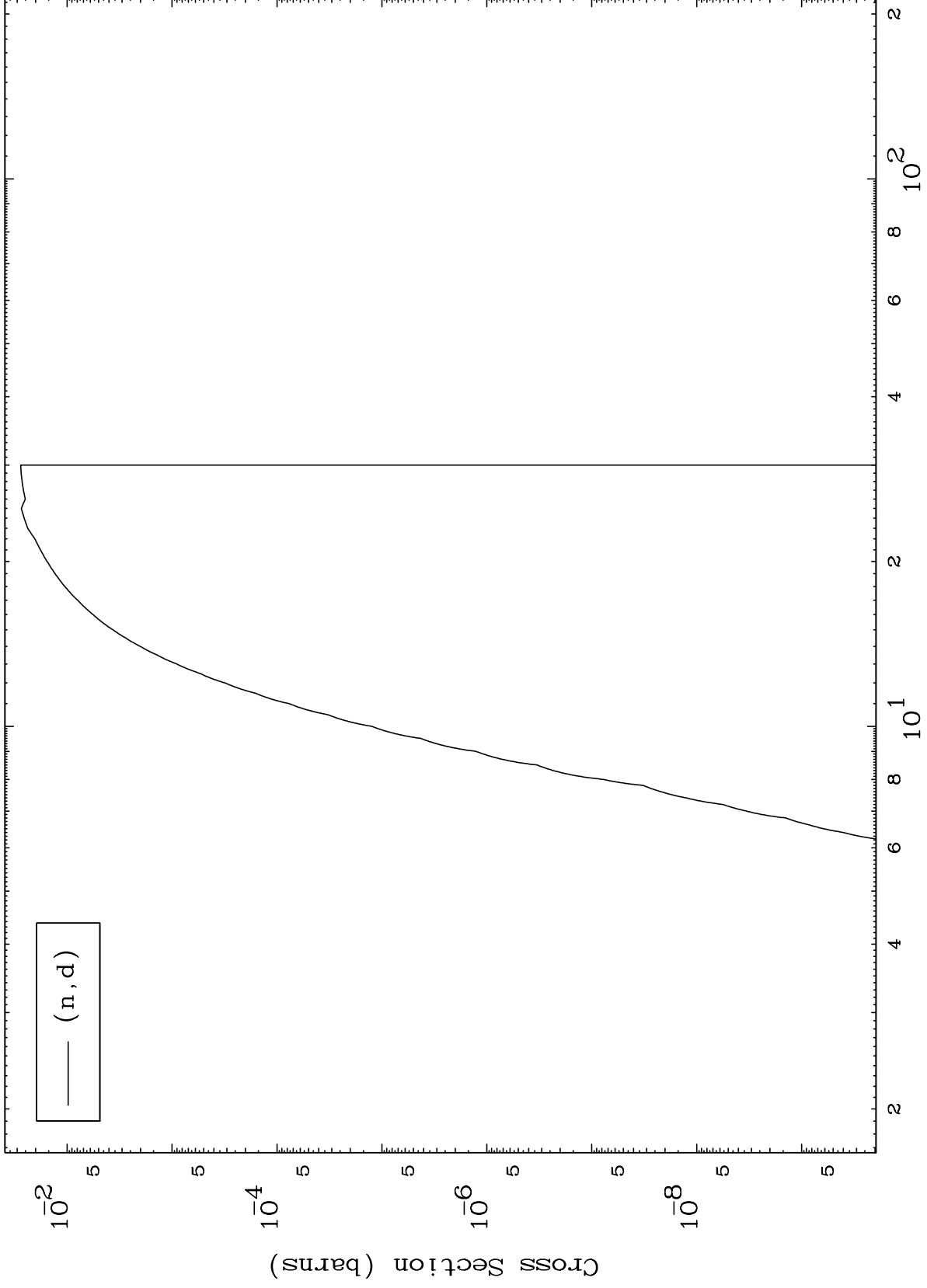
Incident Energy (MeV)

78-Pt-182

MAT 7801

(n,d) Levels
293 Kelvin Cross Sections

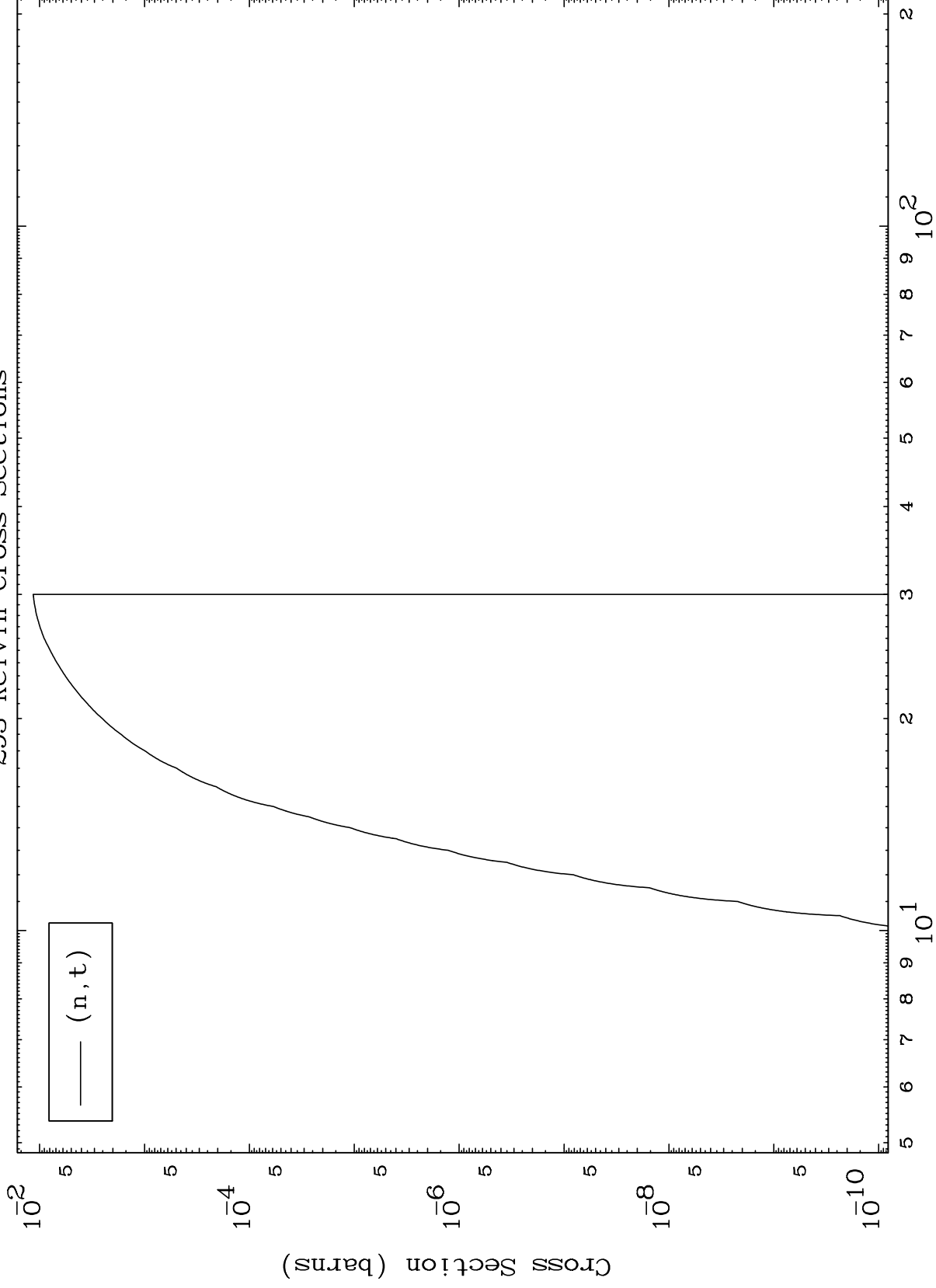
78-Pt-182



MAT 7801

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-182



12

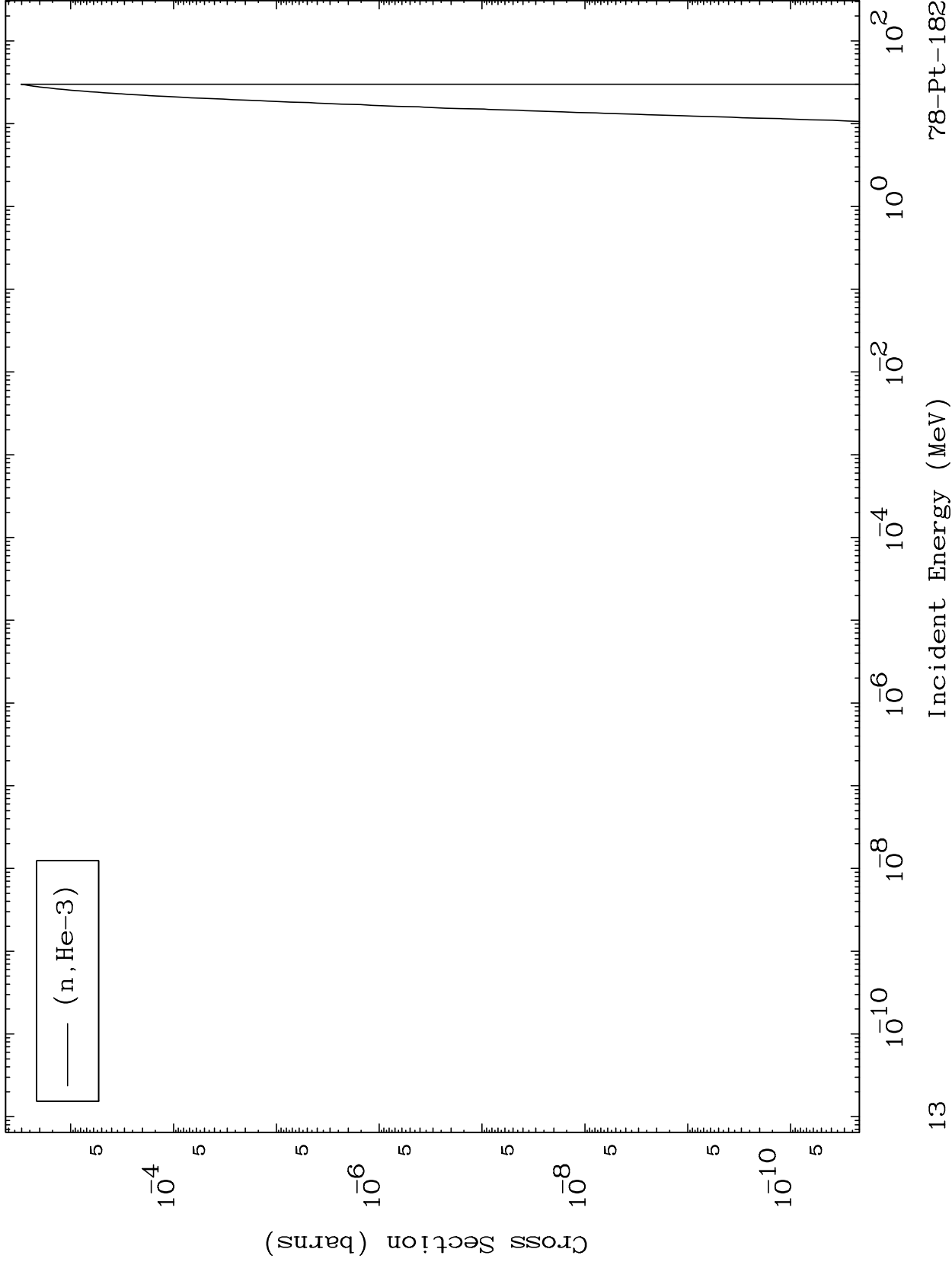
Incident Energy (MeV)

78-Pt-182

MAT 7801

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-182



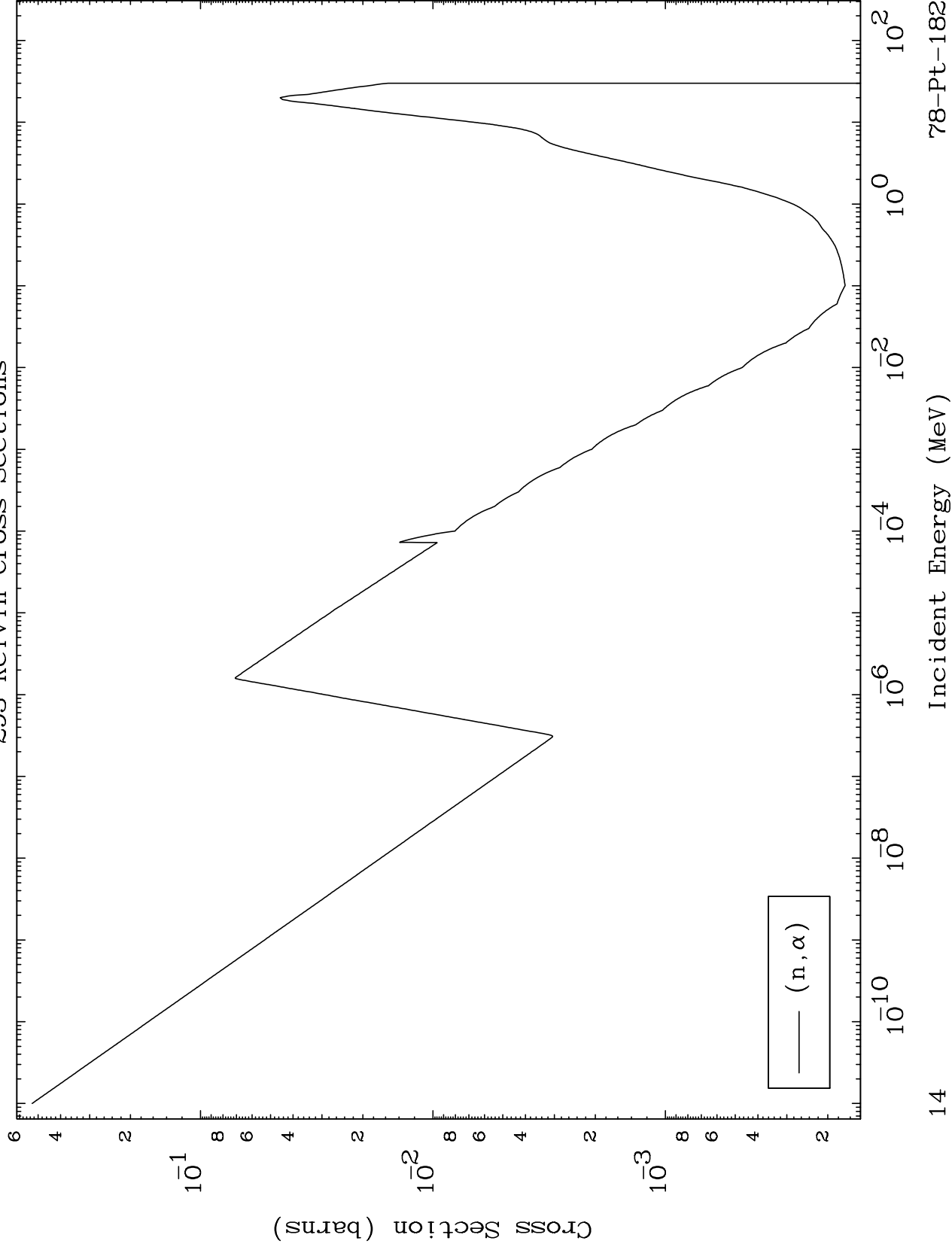
13

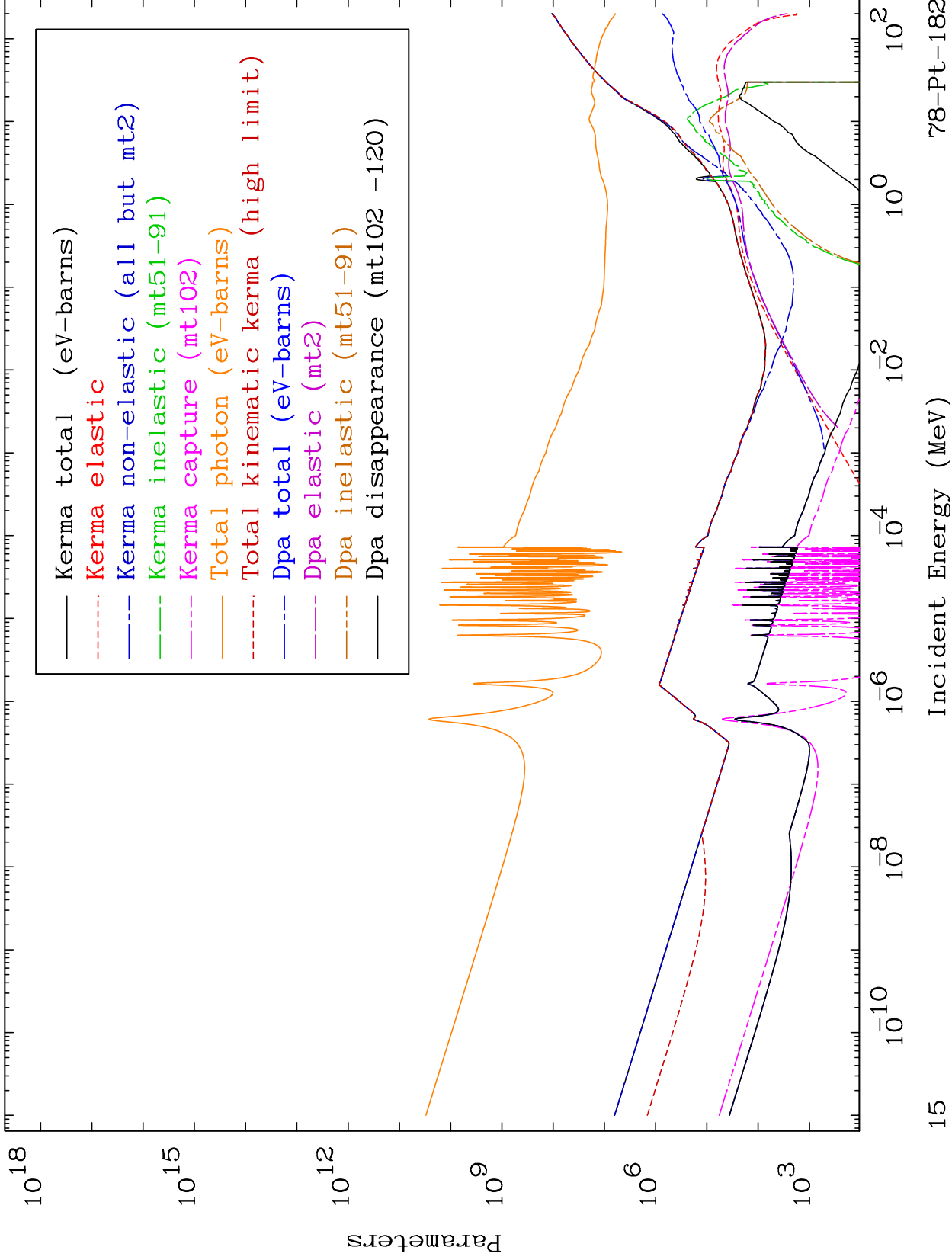
78-Pt-182

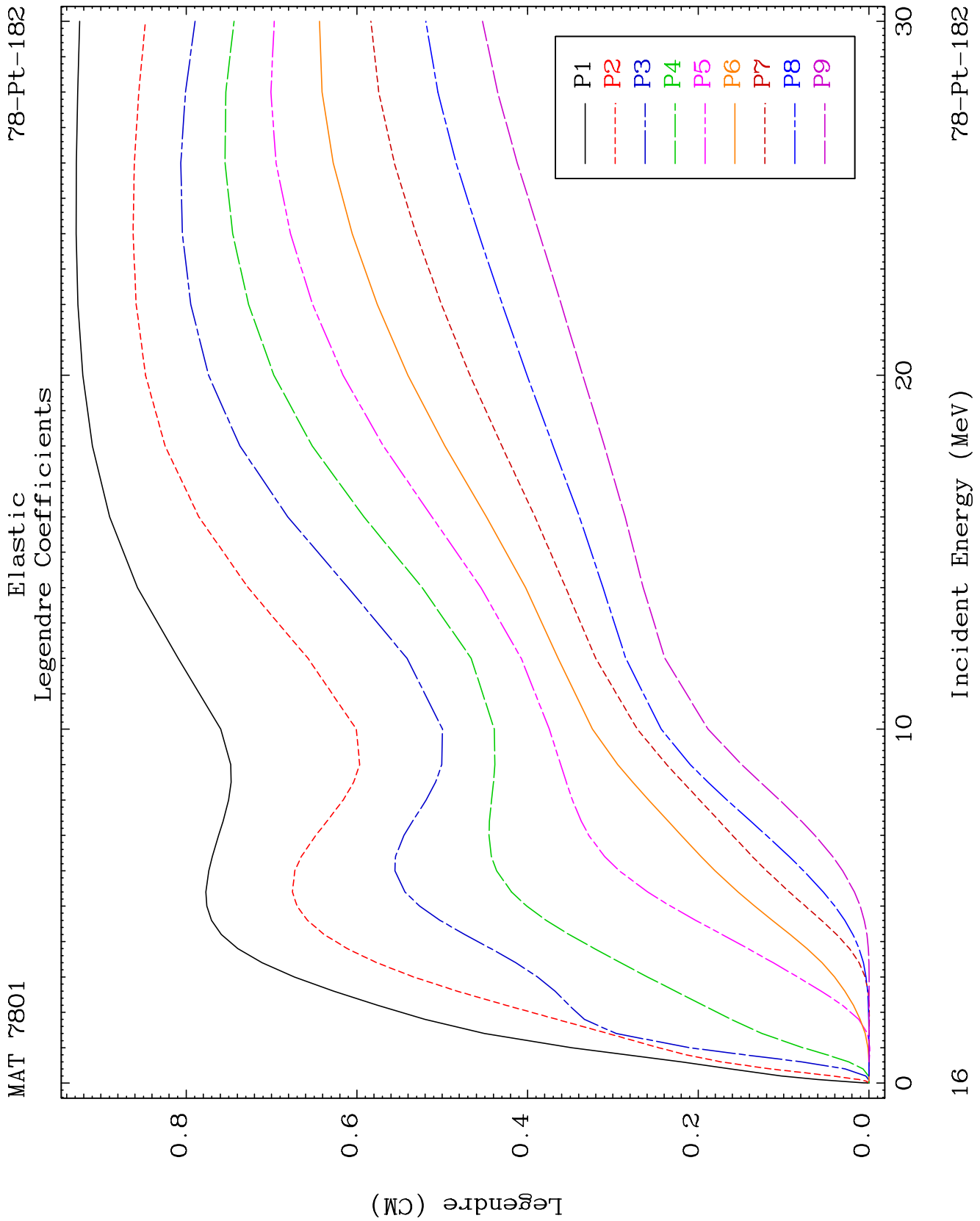
MAT 7801

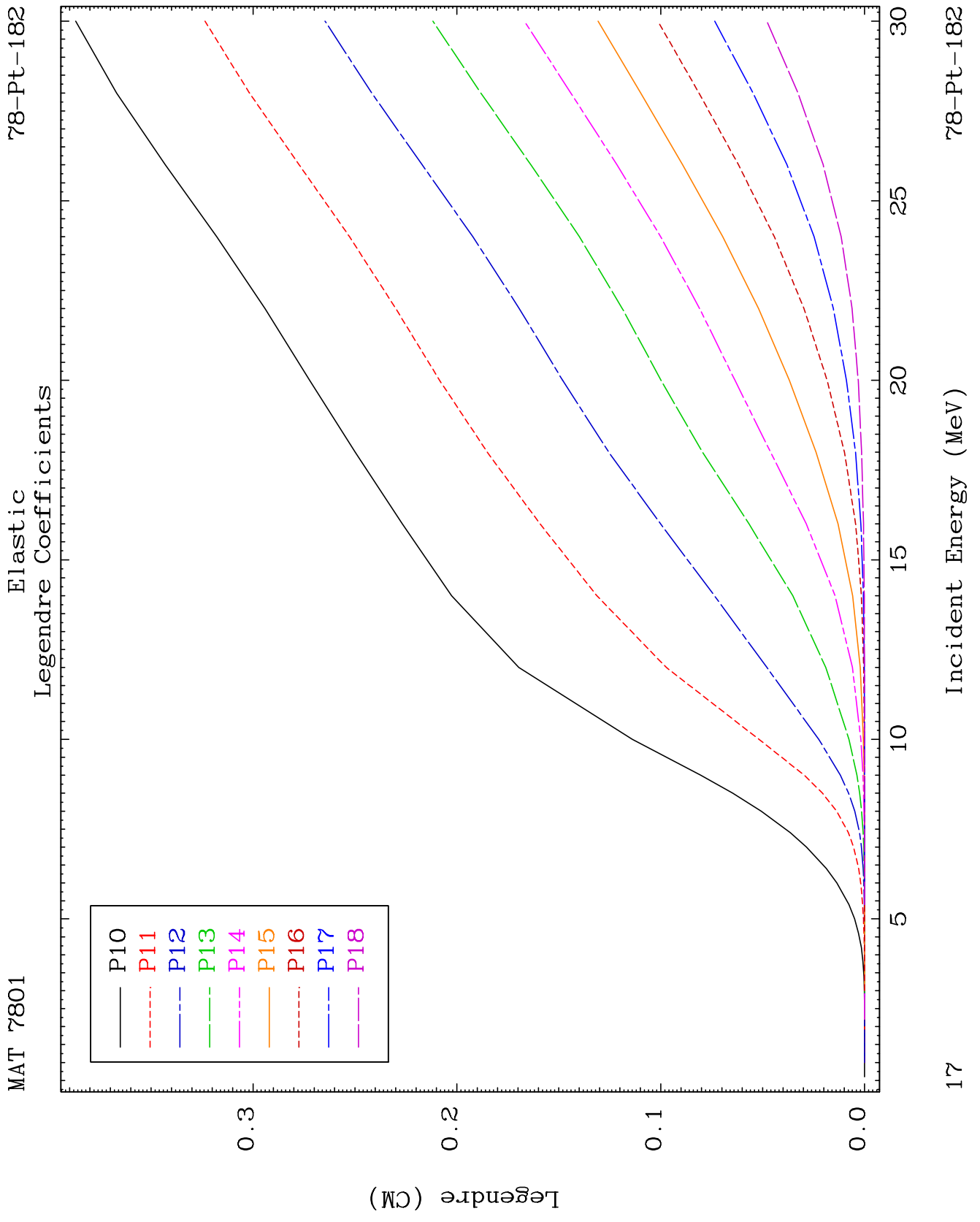
(n,α) Levels
293 Kelvin Cross Sections

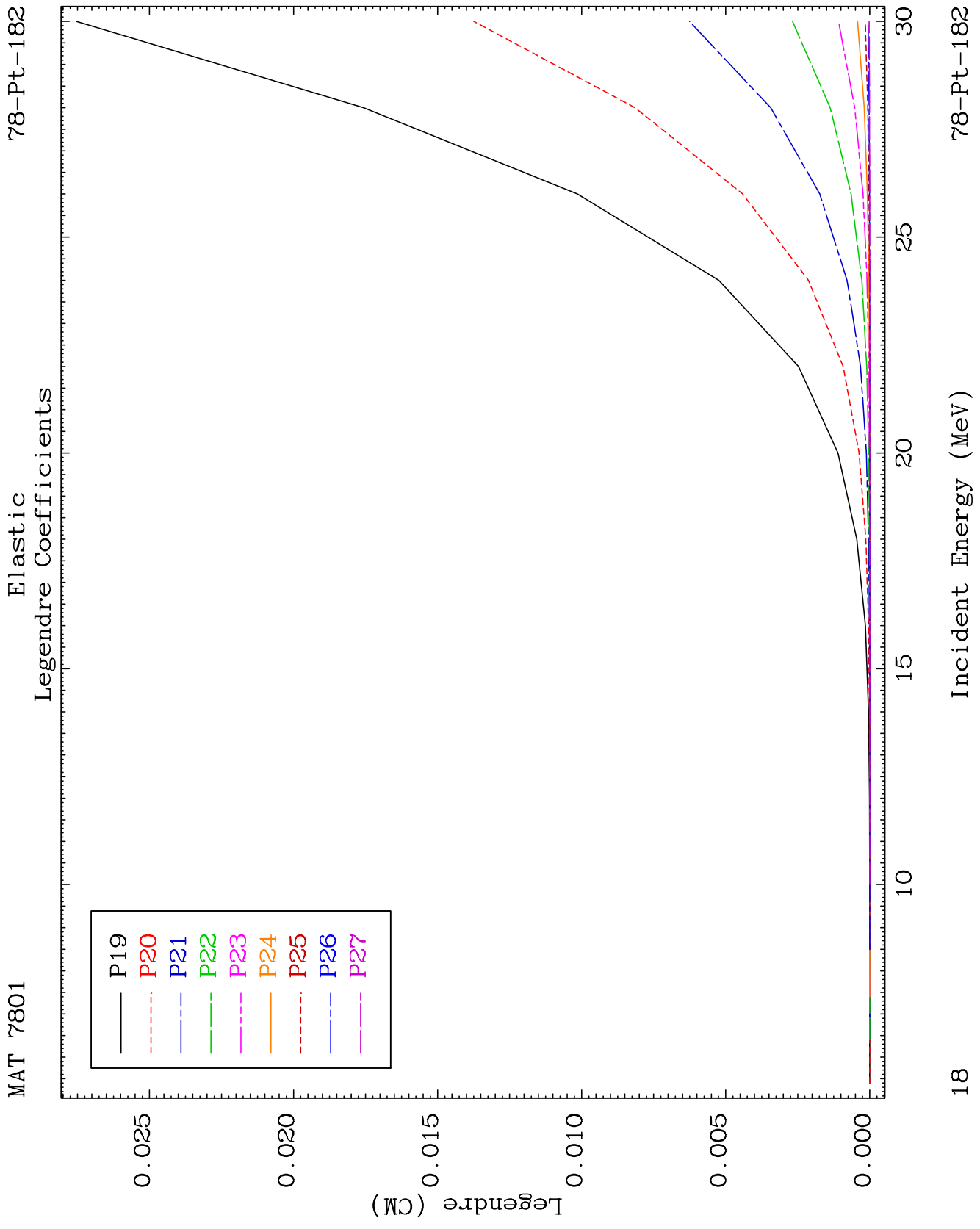
78-Pt-182







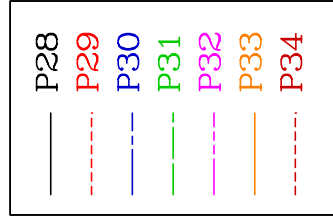




MAT 7801

Elastic
Legendre Coefficients

78-Pt-182



$\times 10^{-6}$

6

4

2

0

Legendre (CM)

15

20

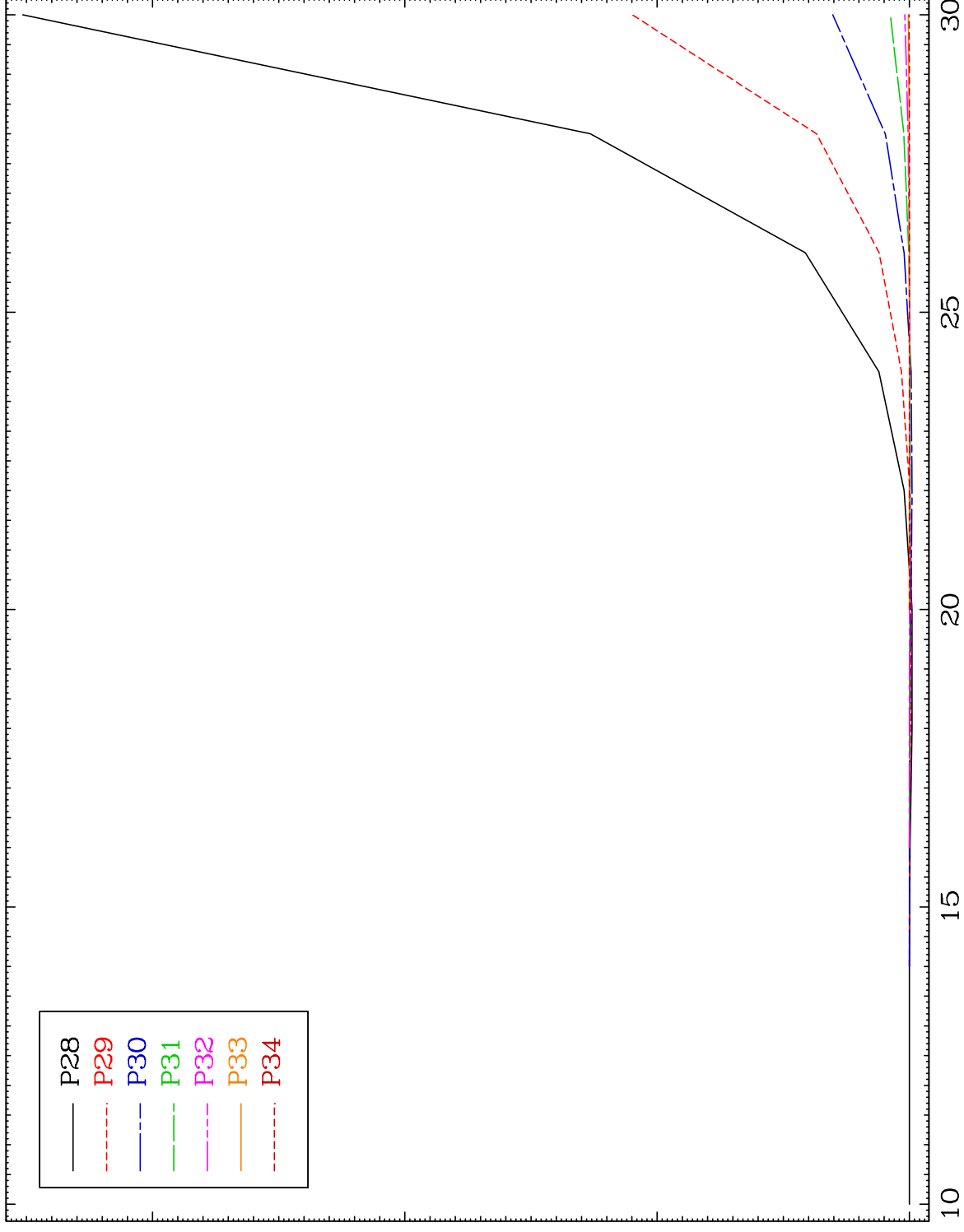
25

30

19

Incident Energy (MeV)

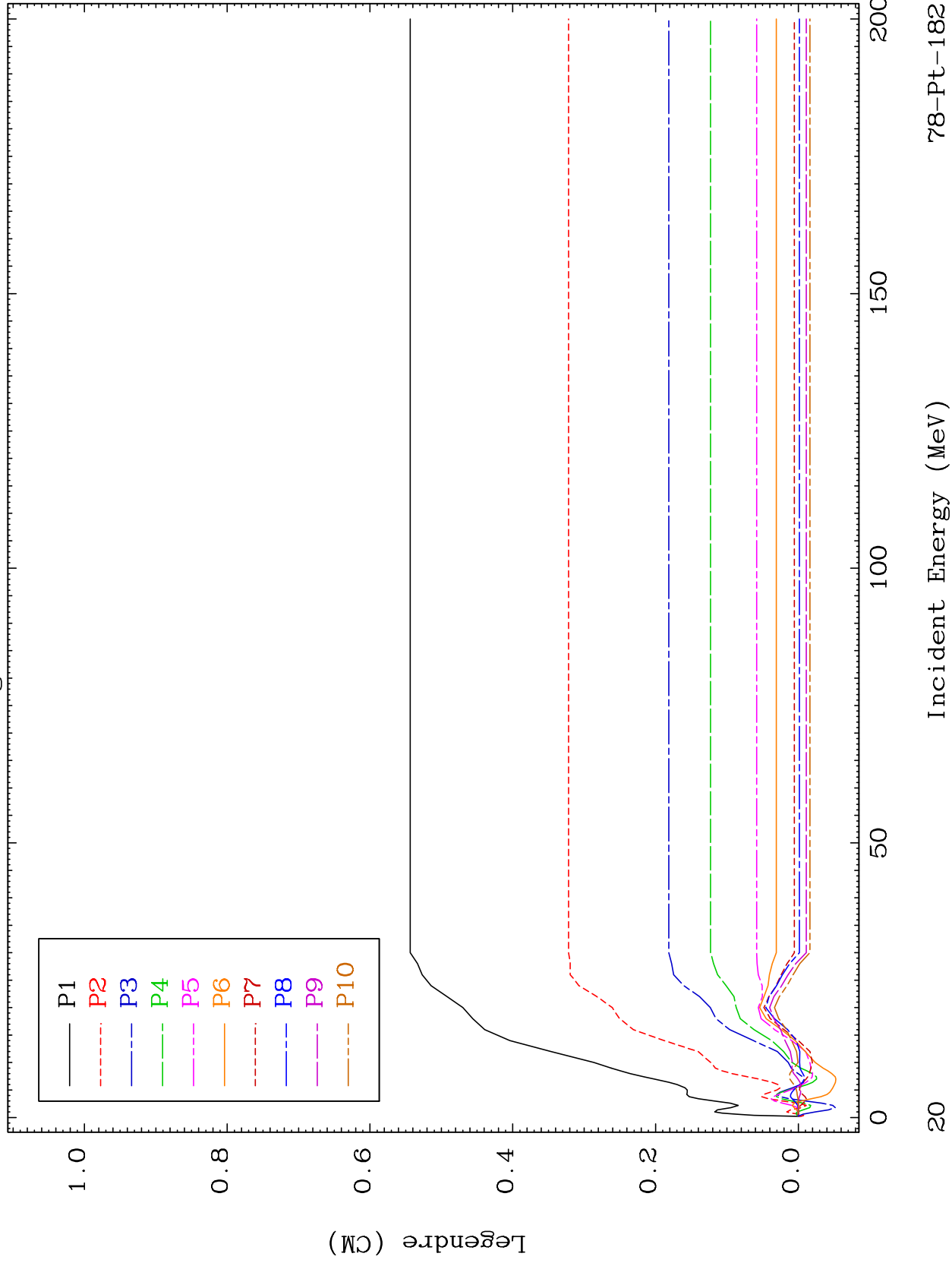
78-Pt-182

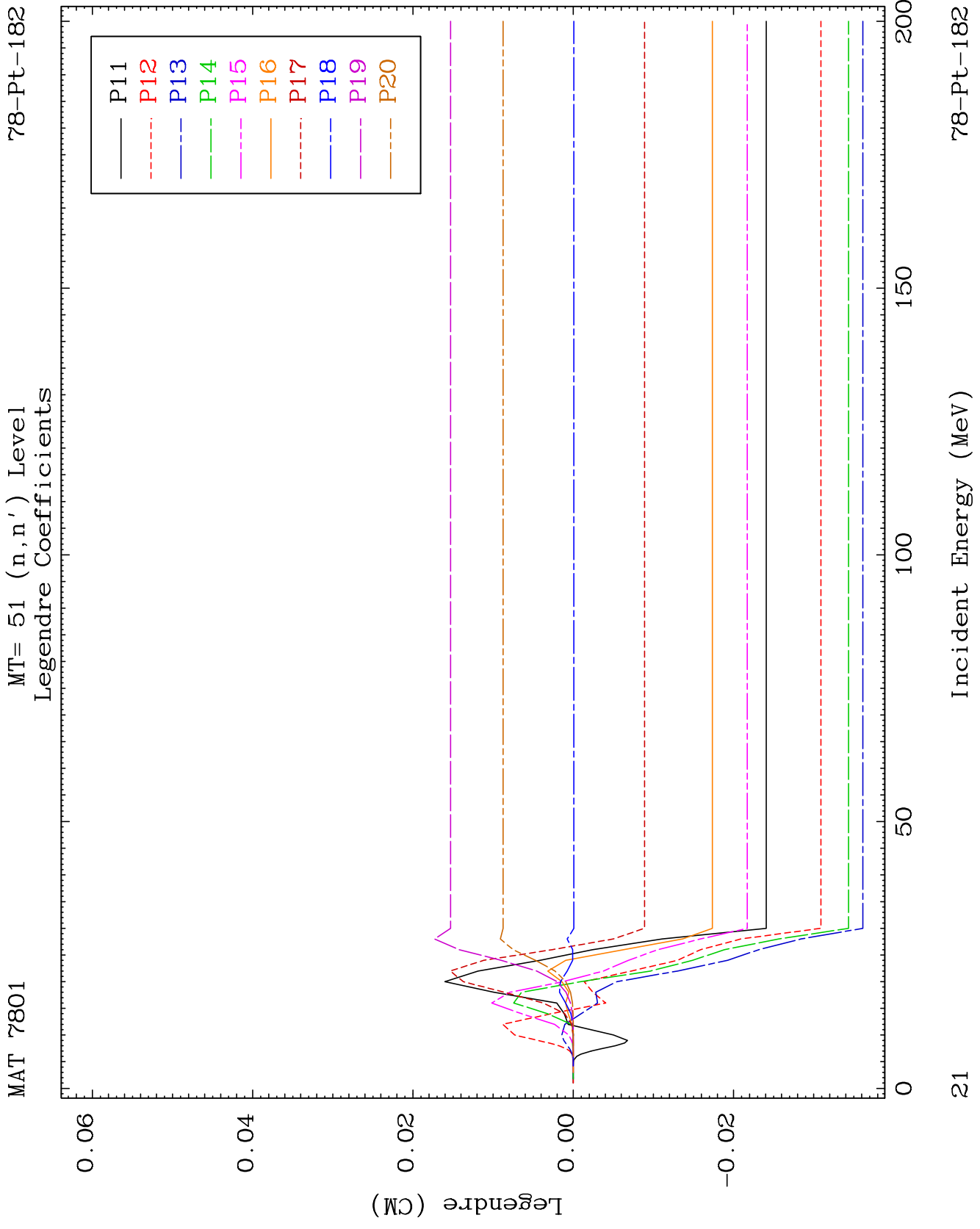


MAT 7801

MT= 51 (n,n') Level
Legendre Coefficients

78-Pt-182

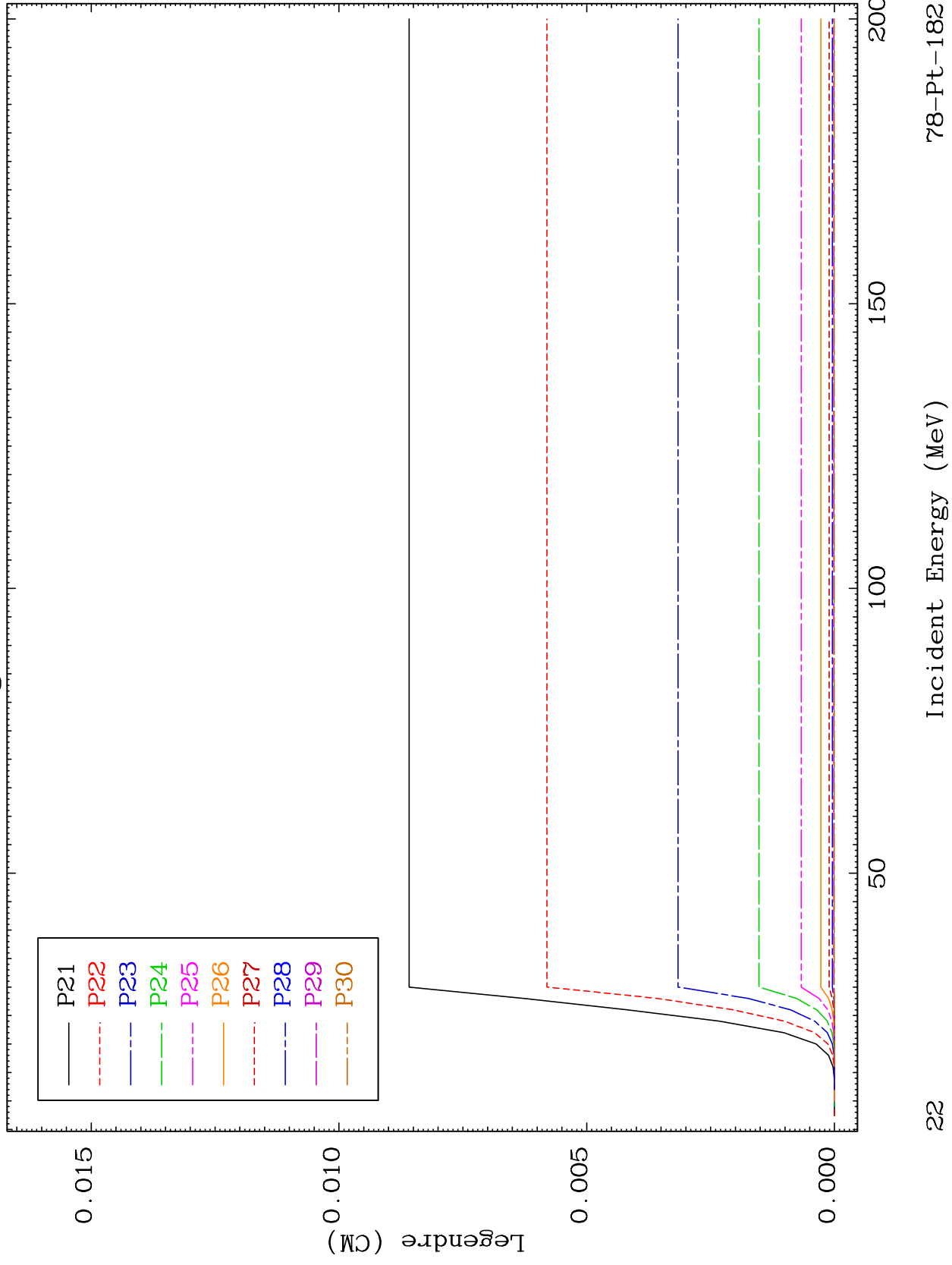




MAT 7801

MT= 51 (n,n') Level
Legendre Coefficients

78-Pt-182



22

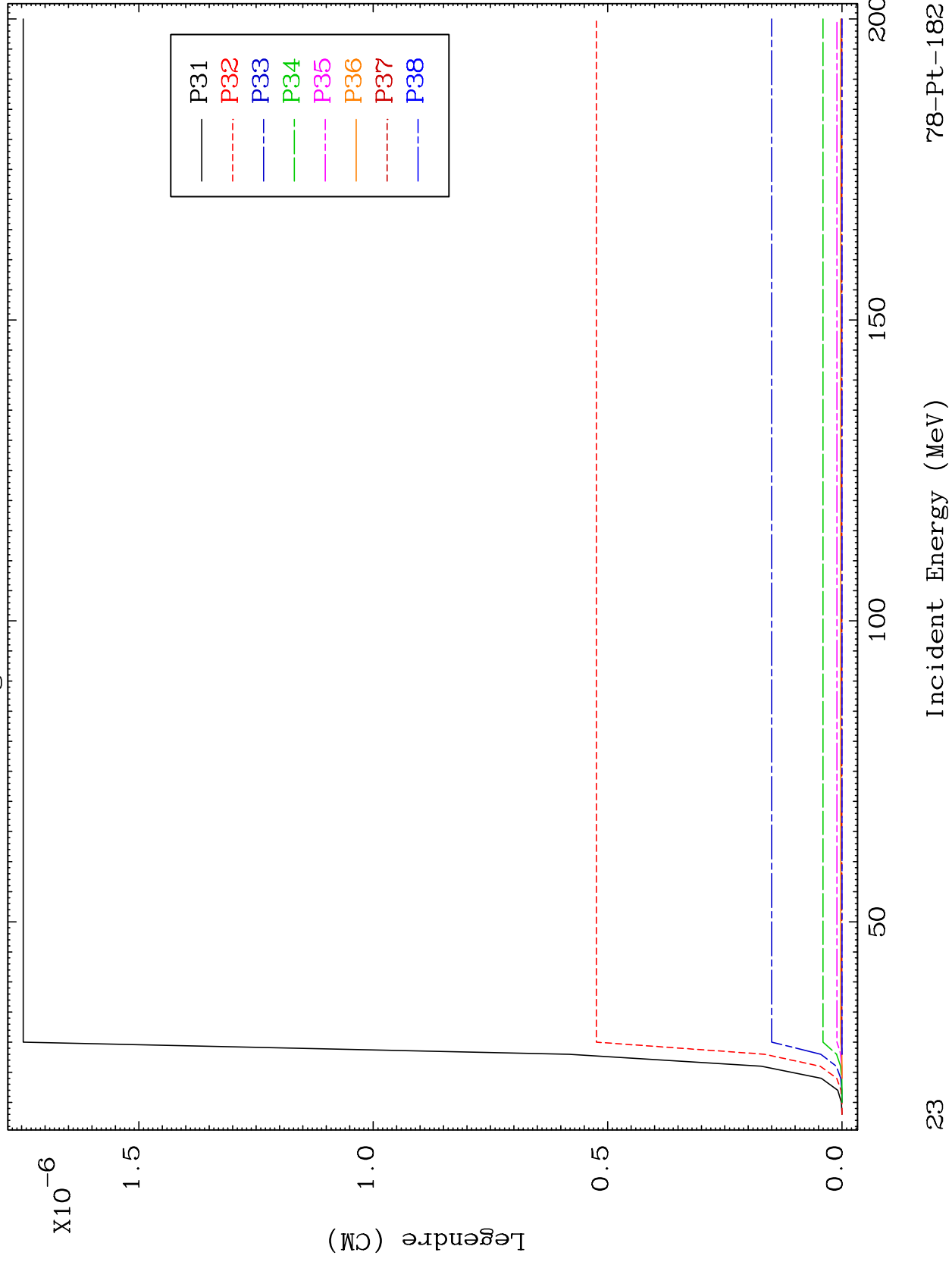
Incident Energy (MeV)

78-Pt-182

MAT 7801

MT= 51 (n,n') Level
Legendre Coefficients

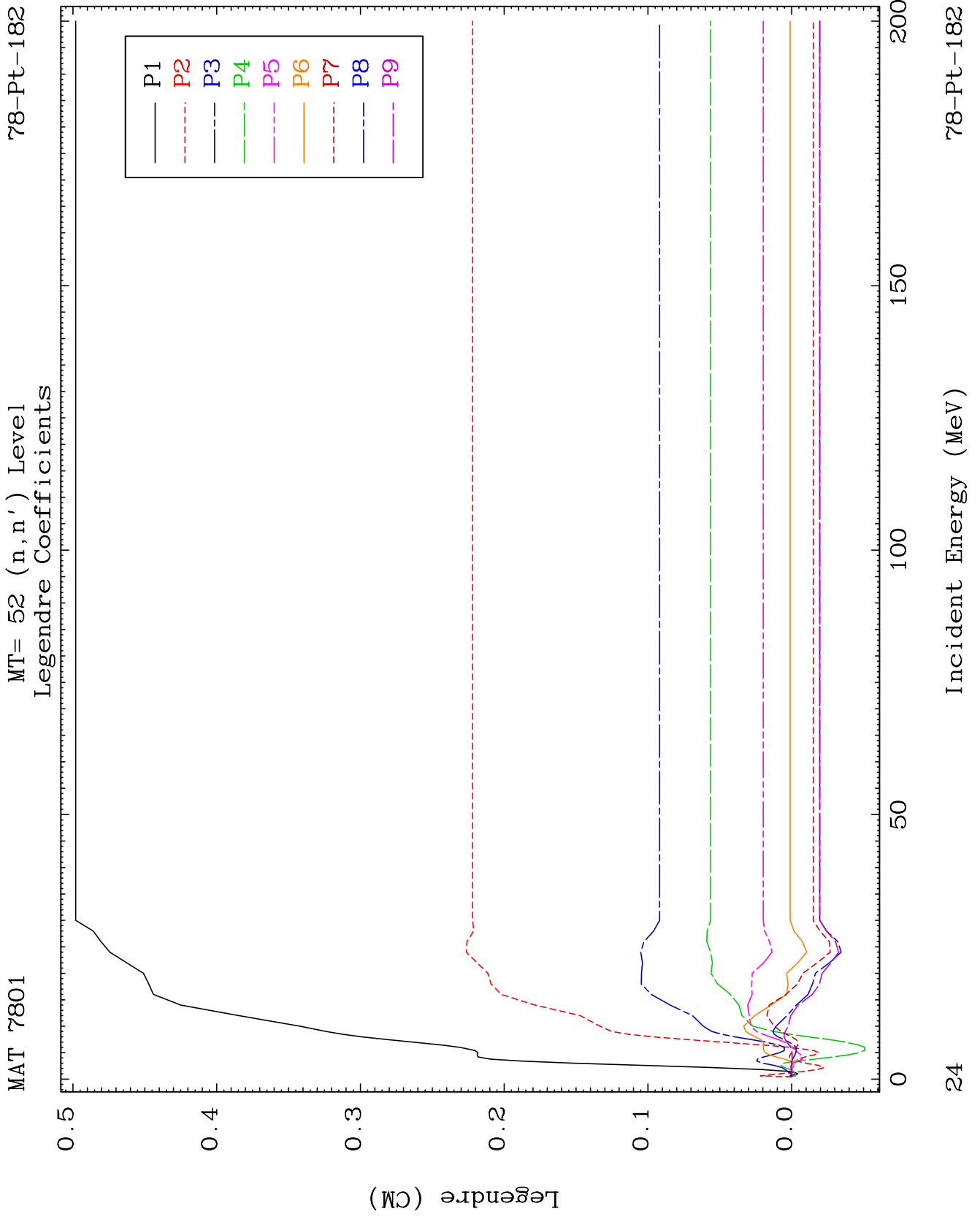
78-Pt-182

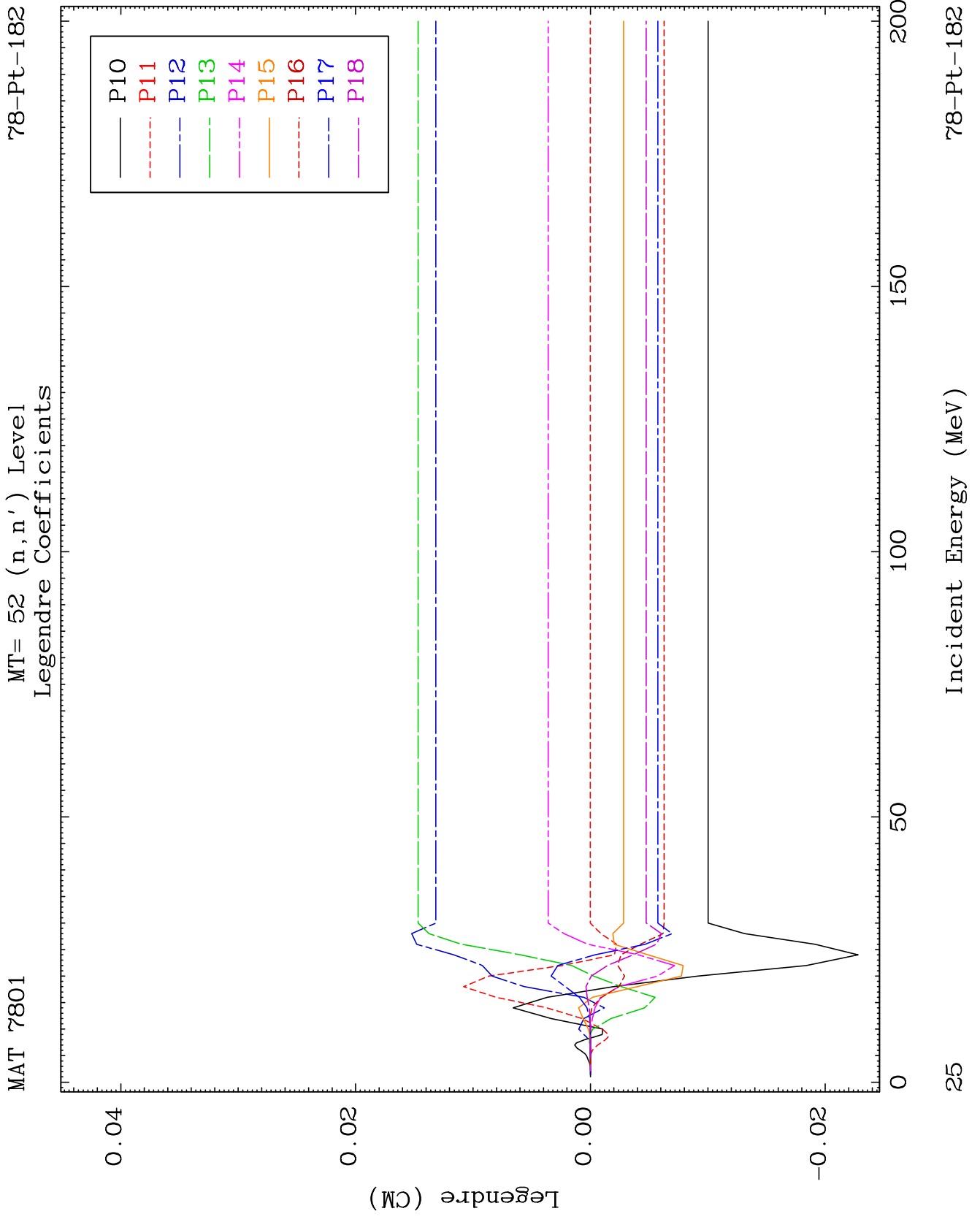


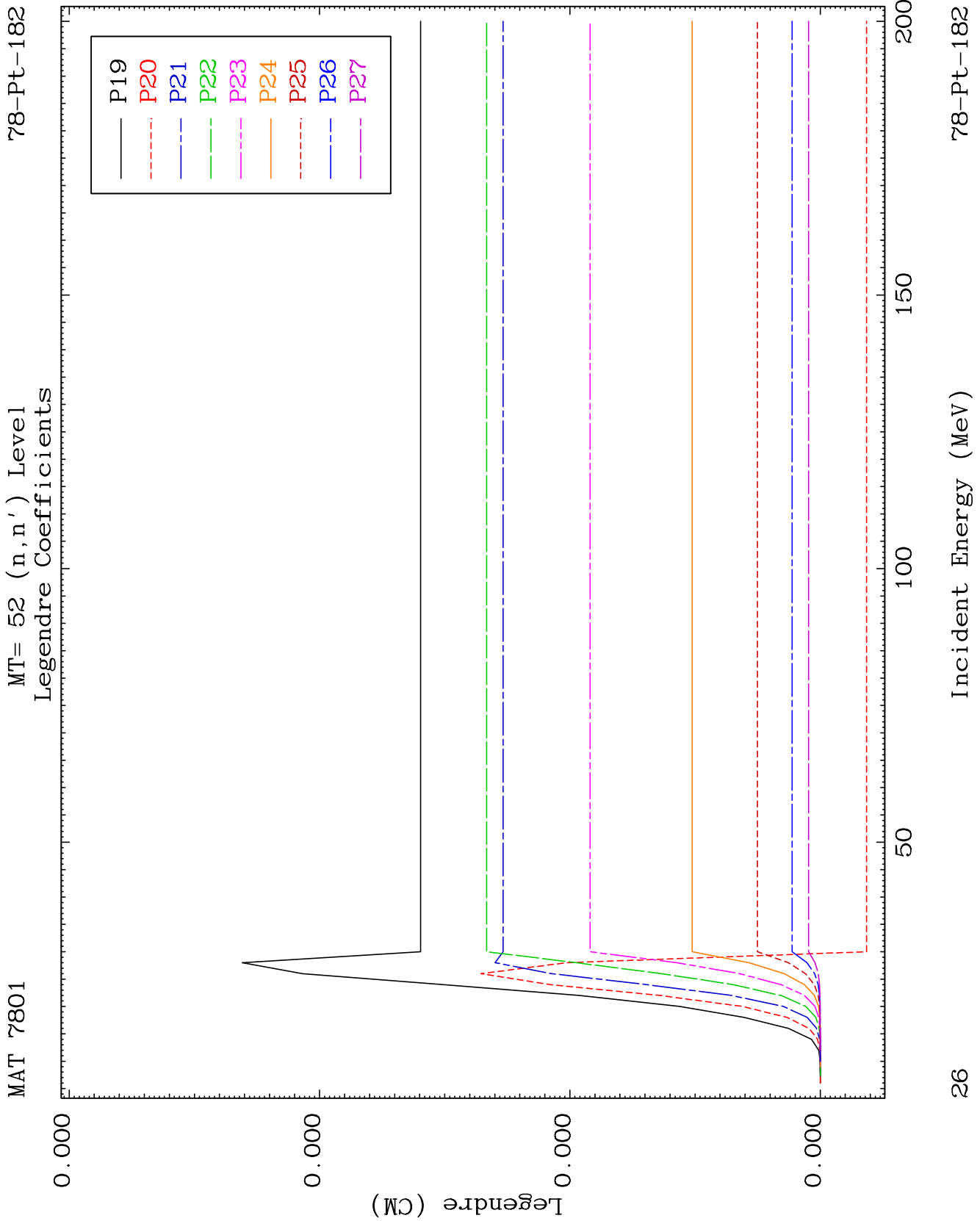
23

Incident Energy (MeV)

78-Pt-182



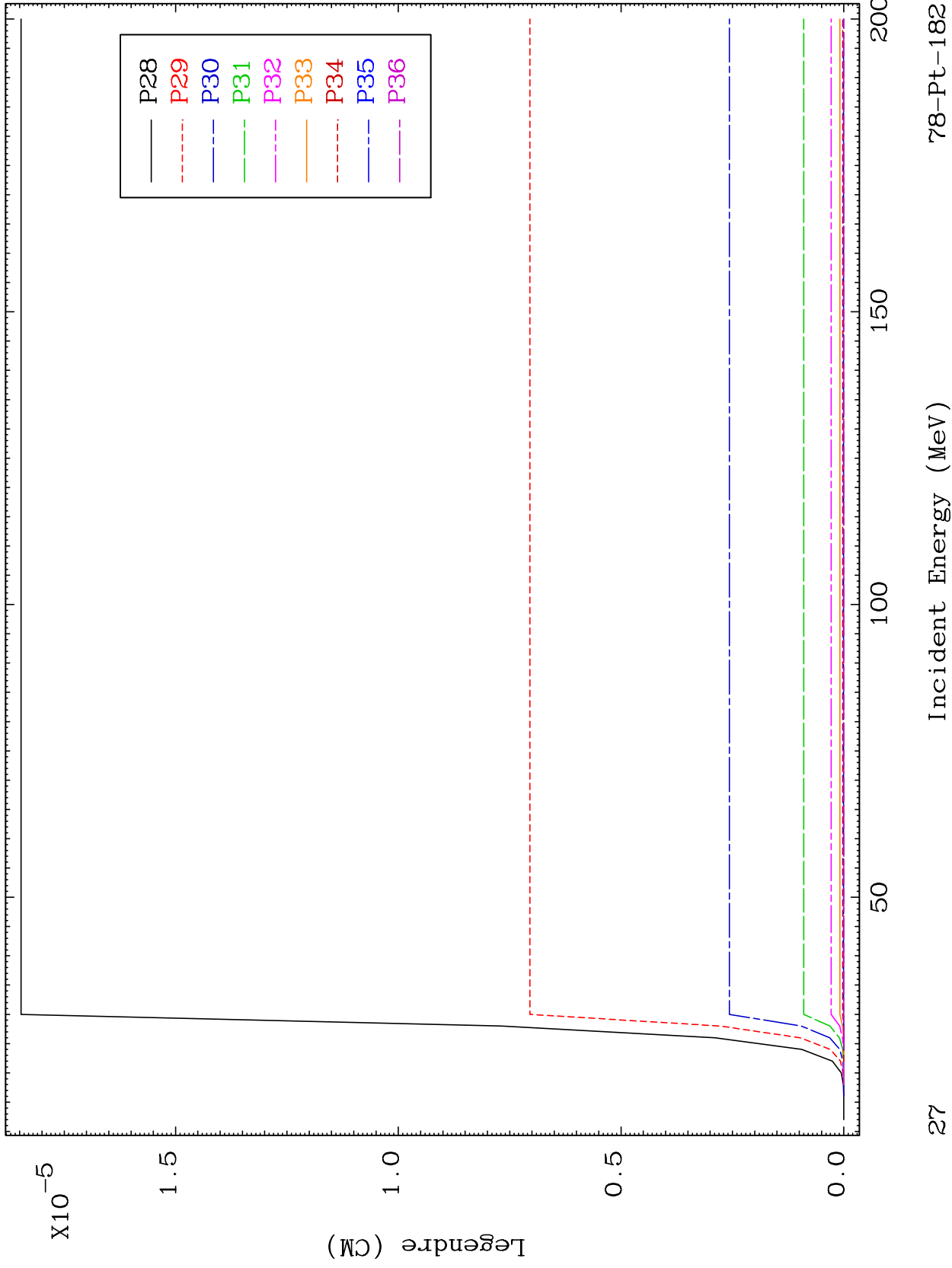


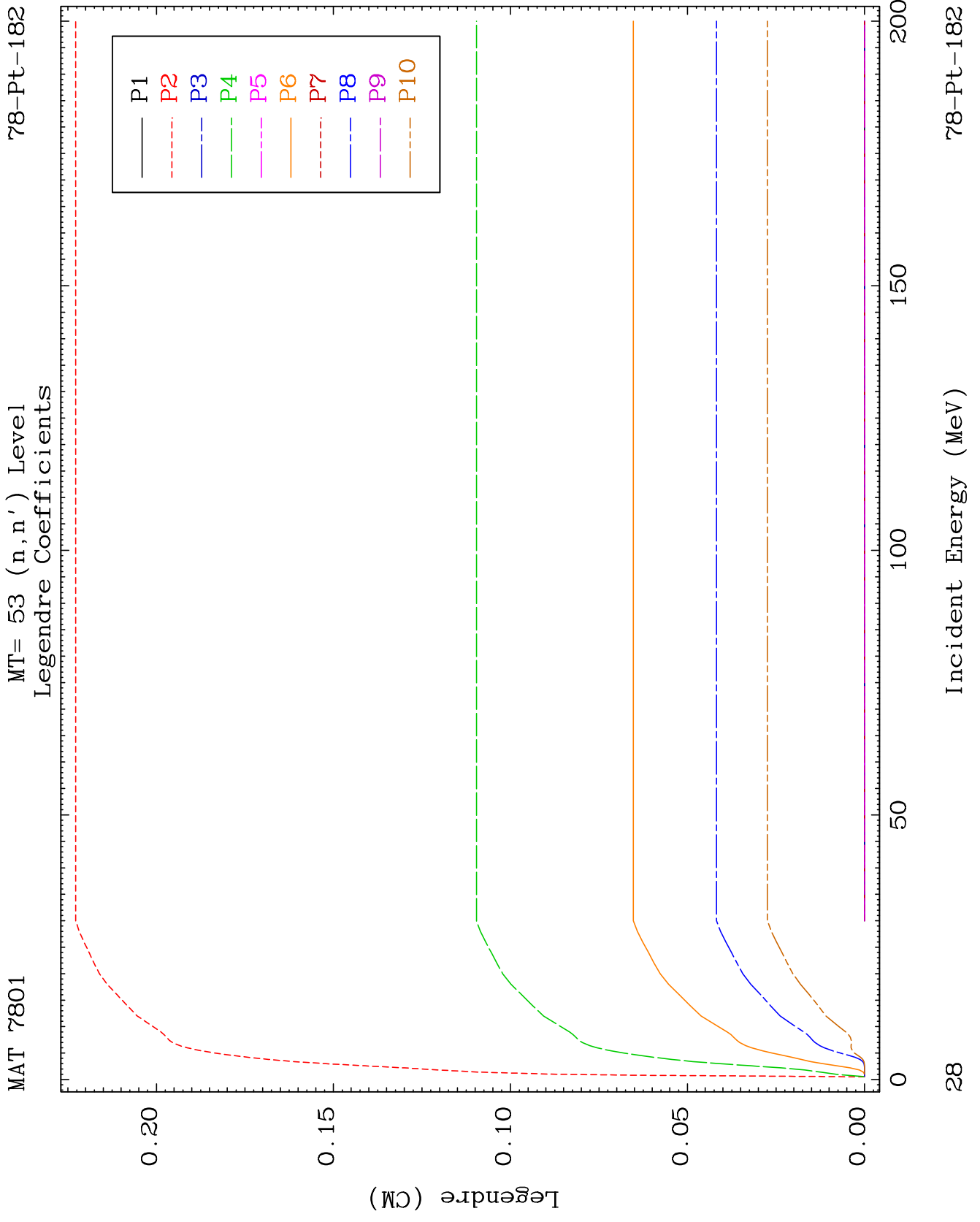


MAT 7801

MT= 52 (n,n') Level
Legendre Coefficients

78-Pt-182

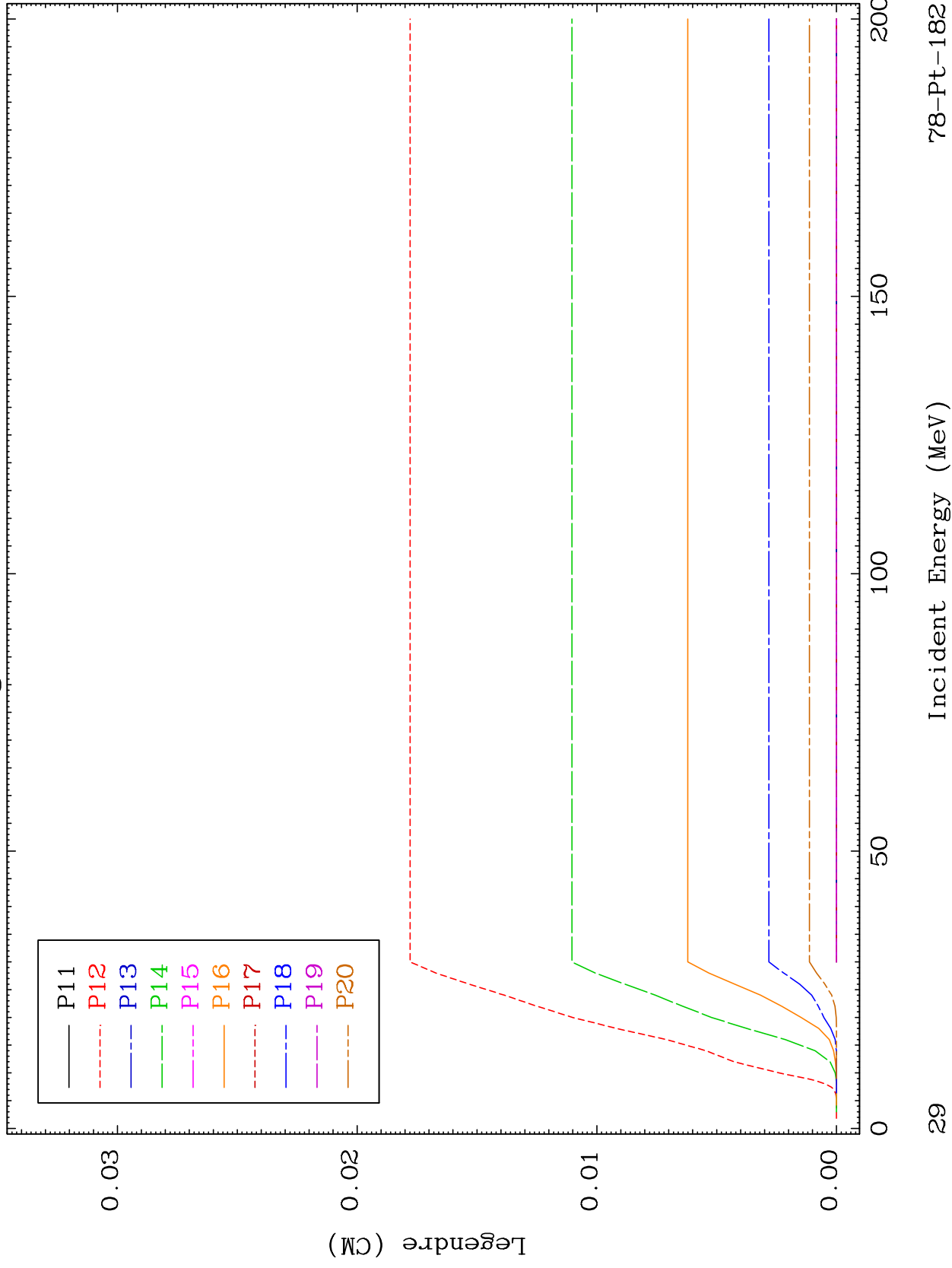




MAT 7801

MT= 53 (n,n') Level
Legendre Coefficients

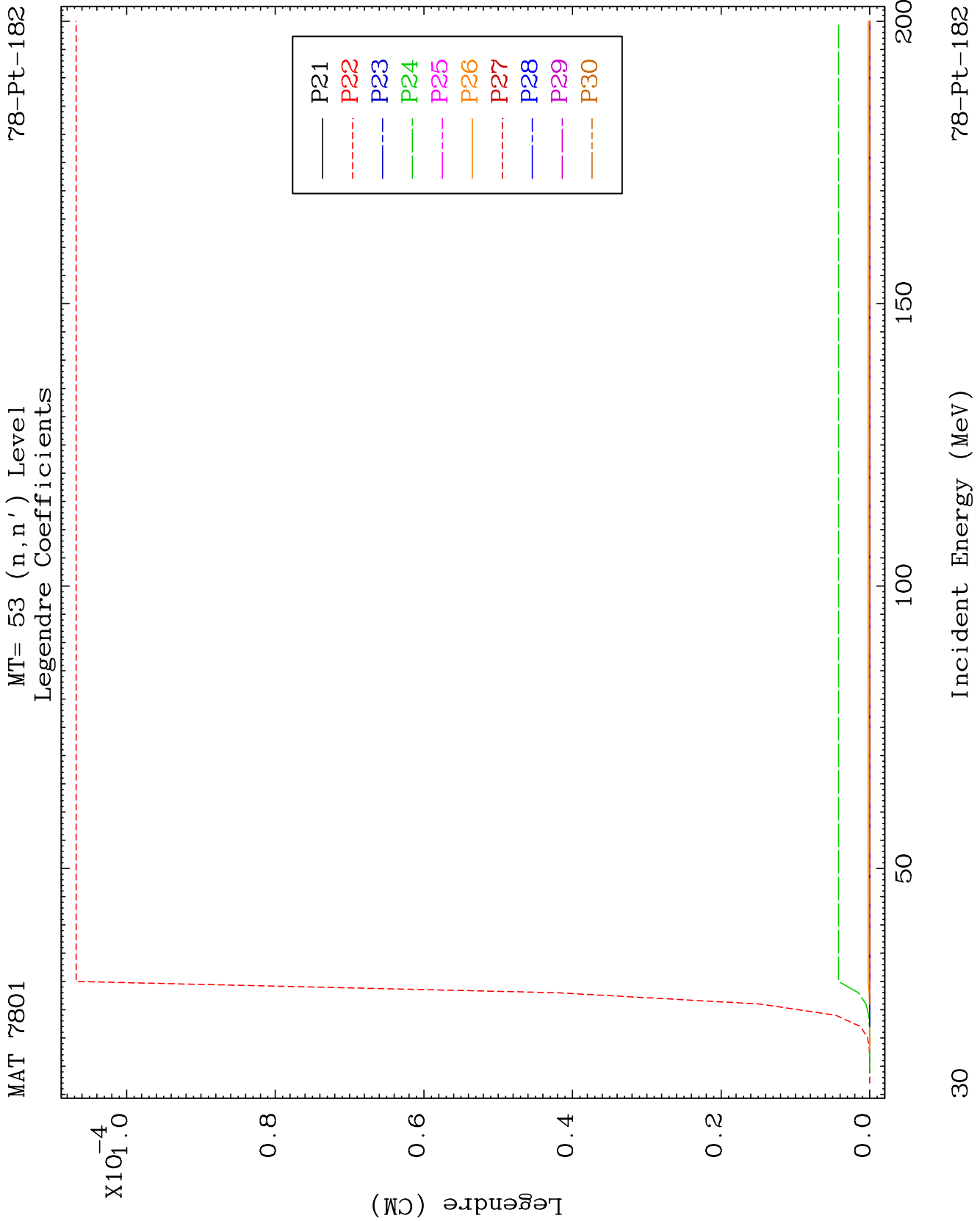
78-Pt-182



29

Incident Energy (MeV)

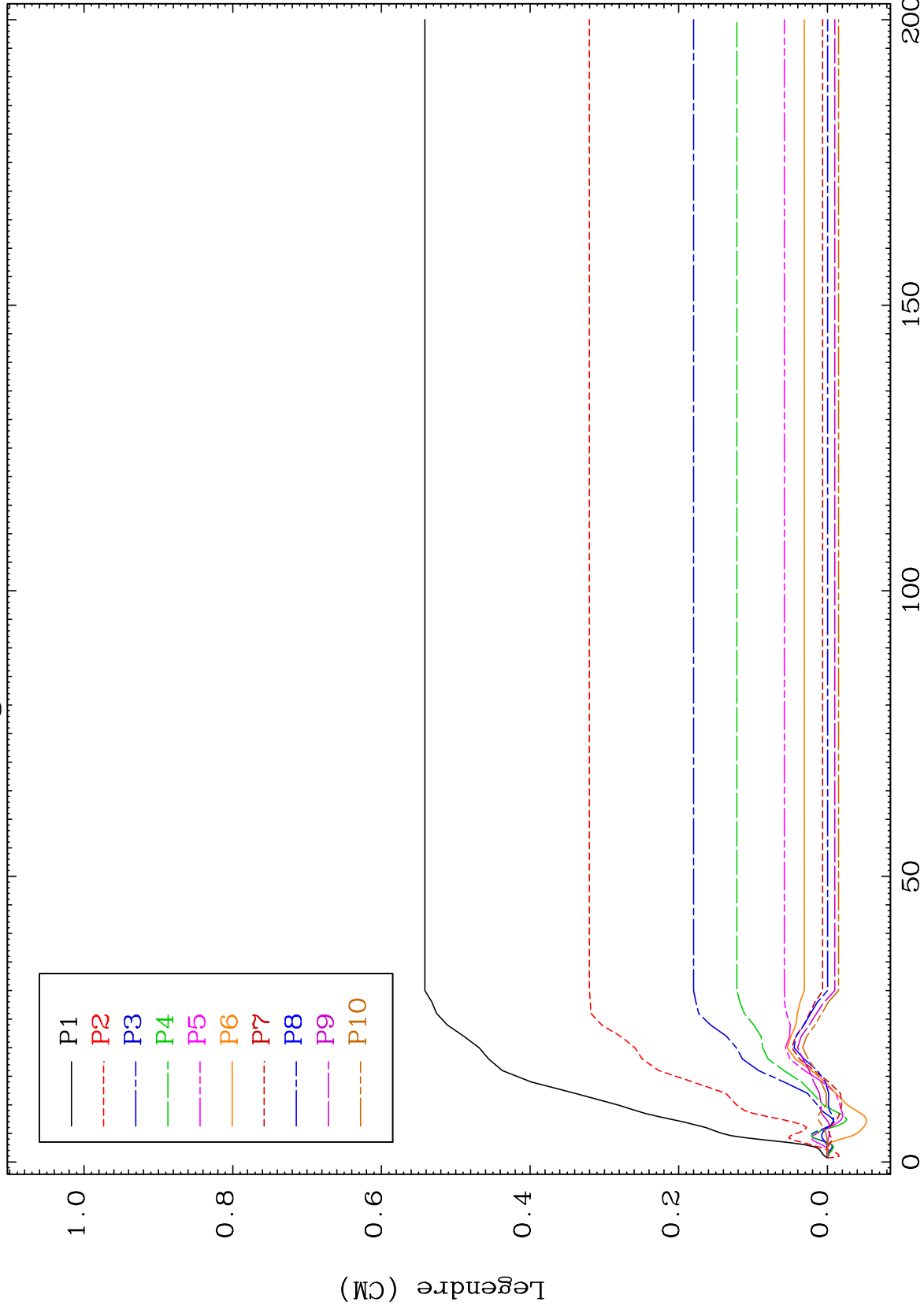
78-Pt-182



MAT 7801

MT= 54 (n,n') Level
Legendre Coefficients

78-Pt-182



31

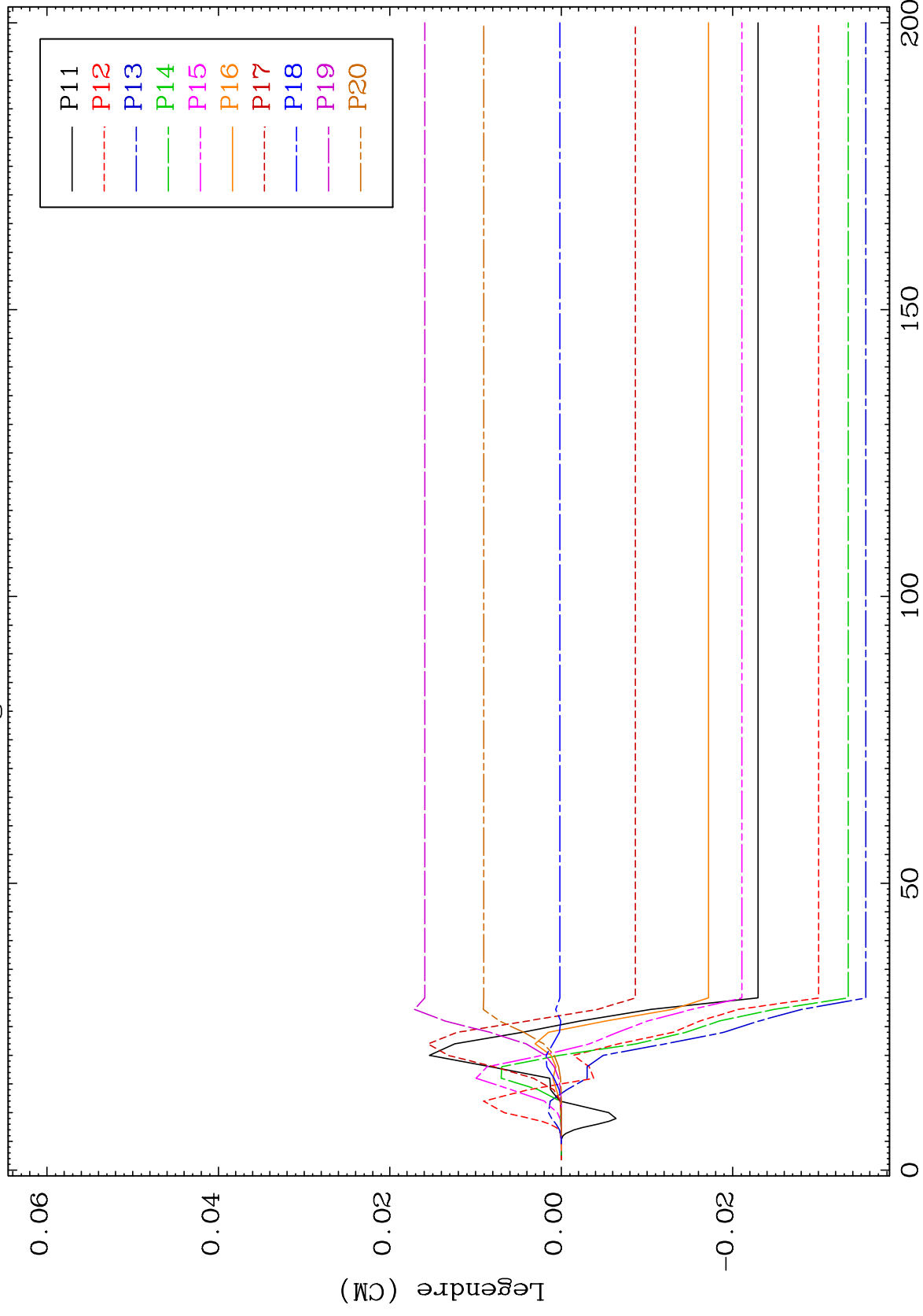
Incident Energy (MeV)

78-Pt-182

MAT 7801

MT= 54 (n,n') Level
Legendre Coefficients

78-Pt-182



32

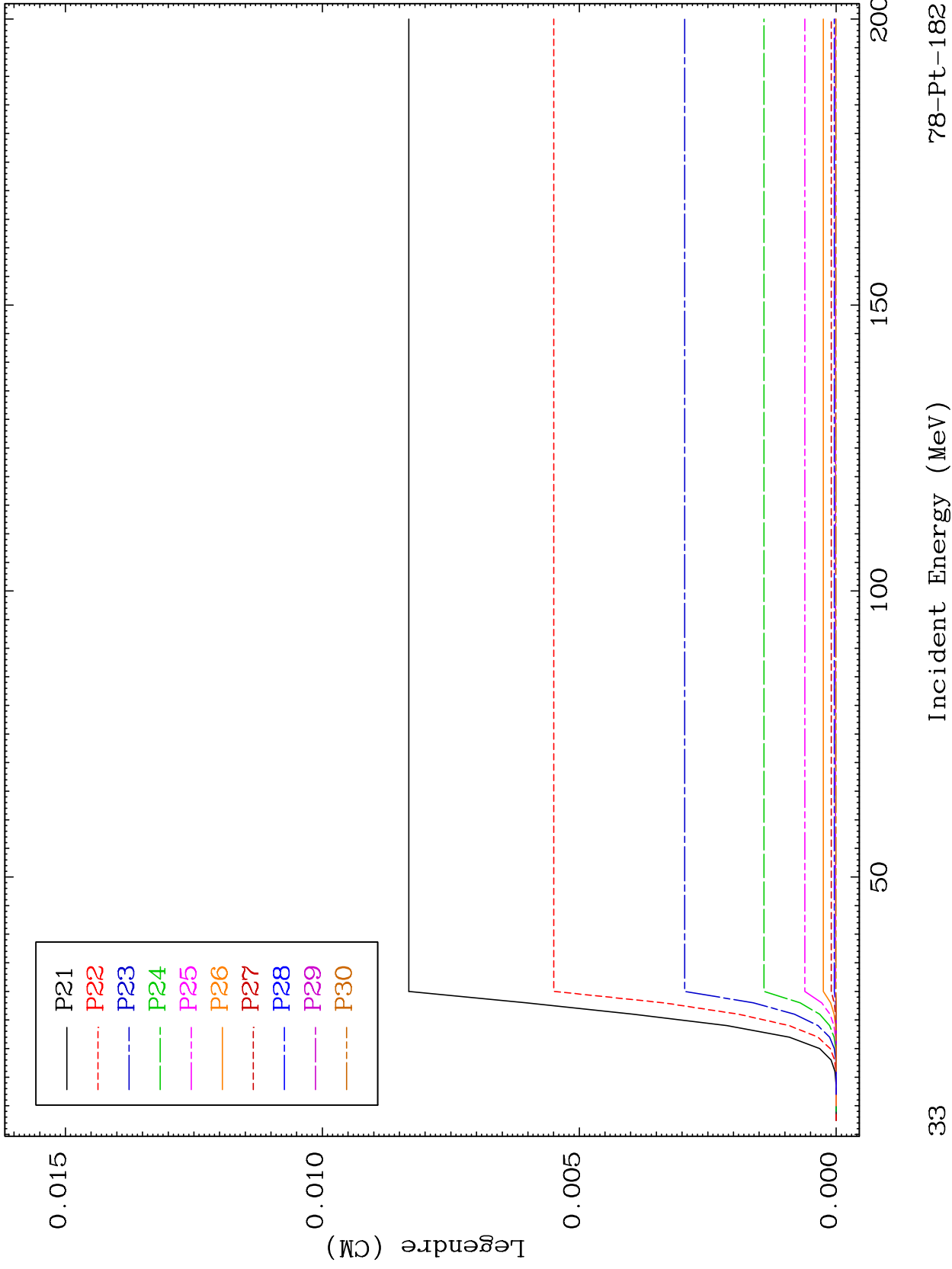
Incident Energy (MeV)

78-Pt-182

MAT 7801

MT= 54 (n,n') Level
Legendre Coefficients

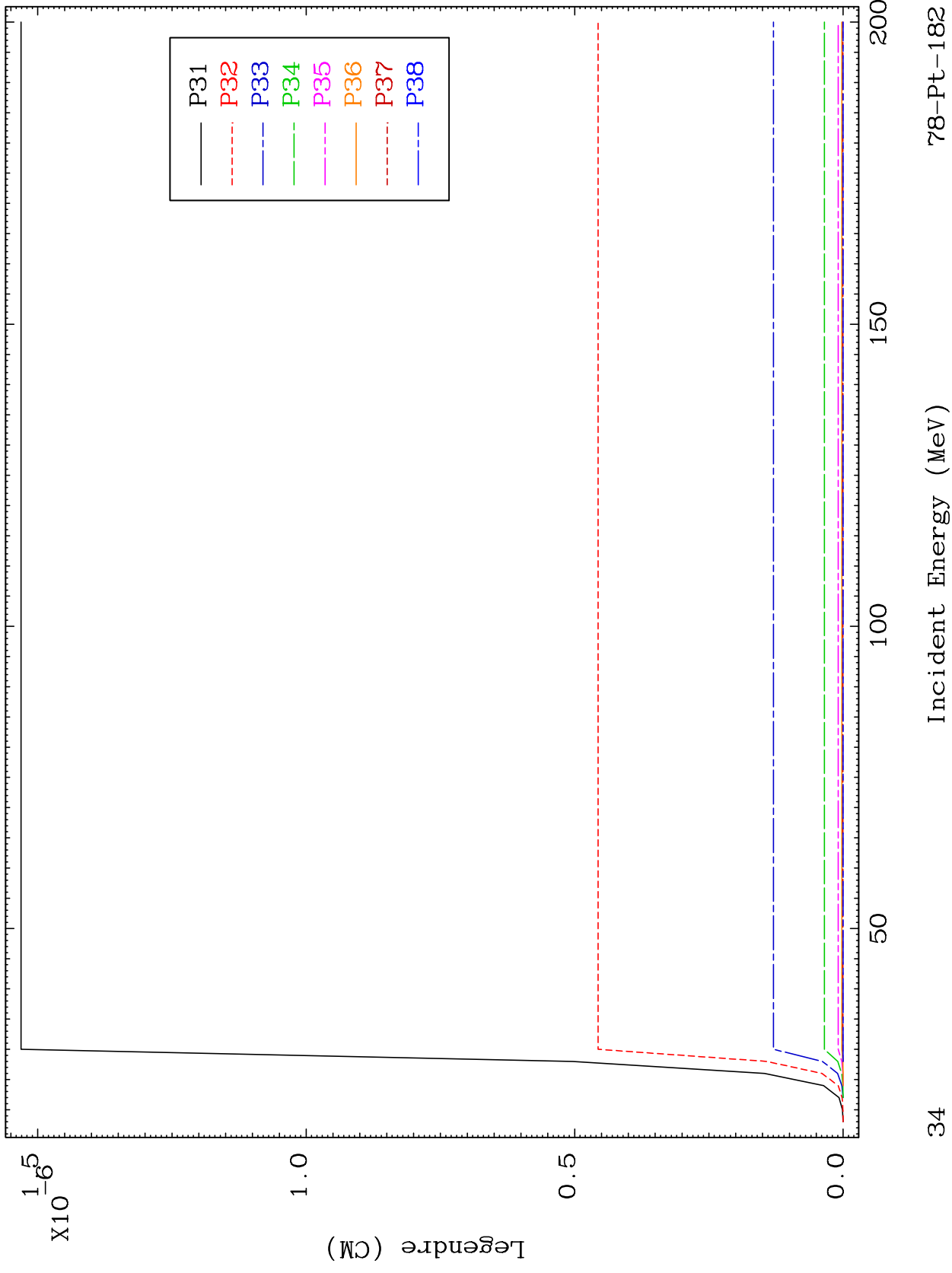
78-Pt-182

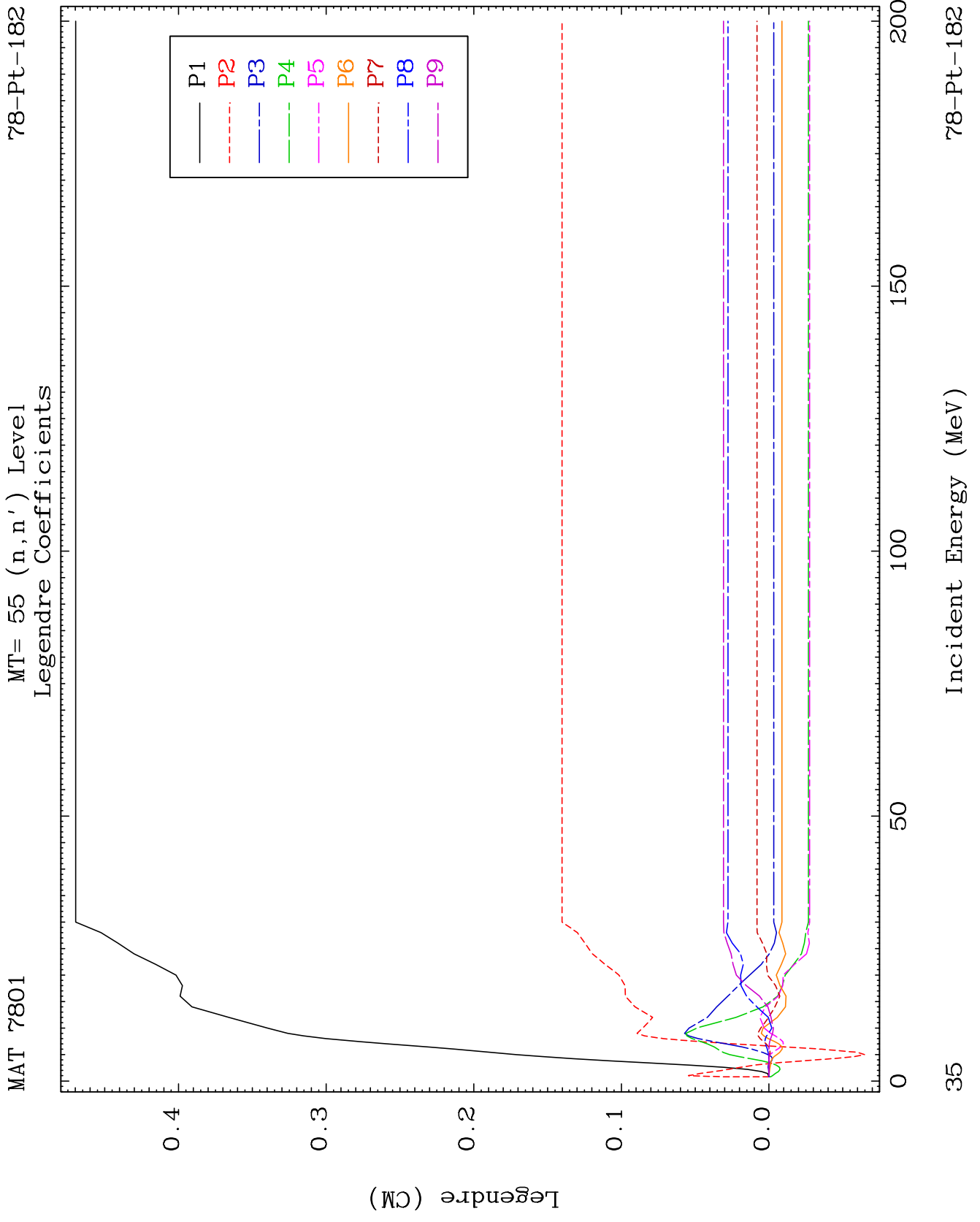


MAT 7801

MT= 54 (n,n') Level
Legendre Coefficients

78-Pt-182

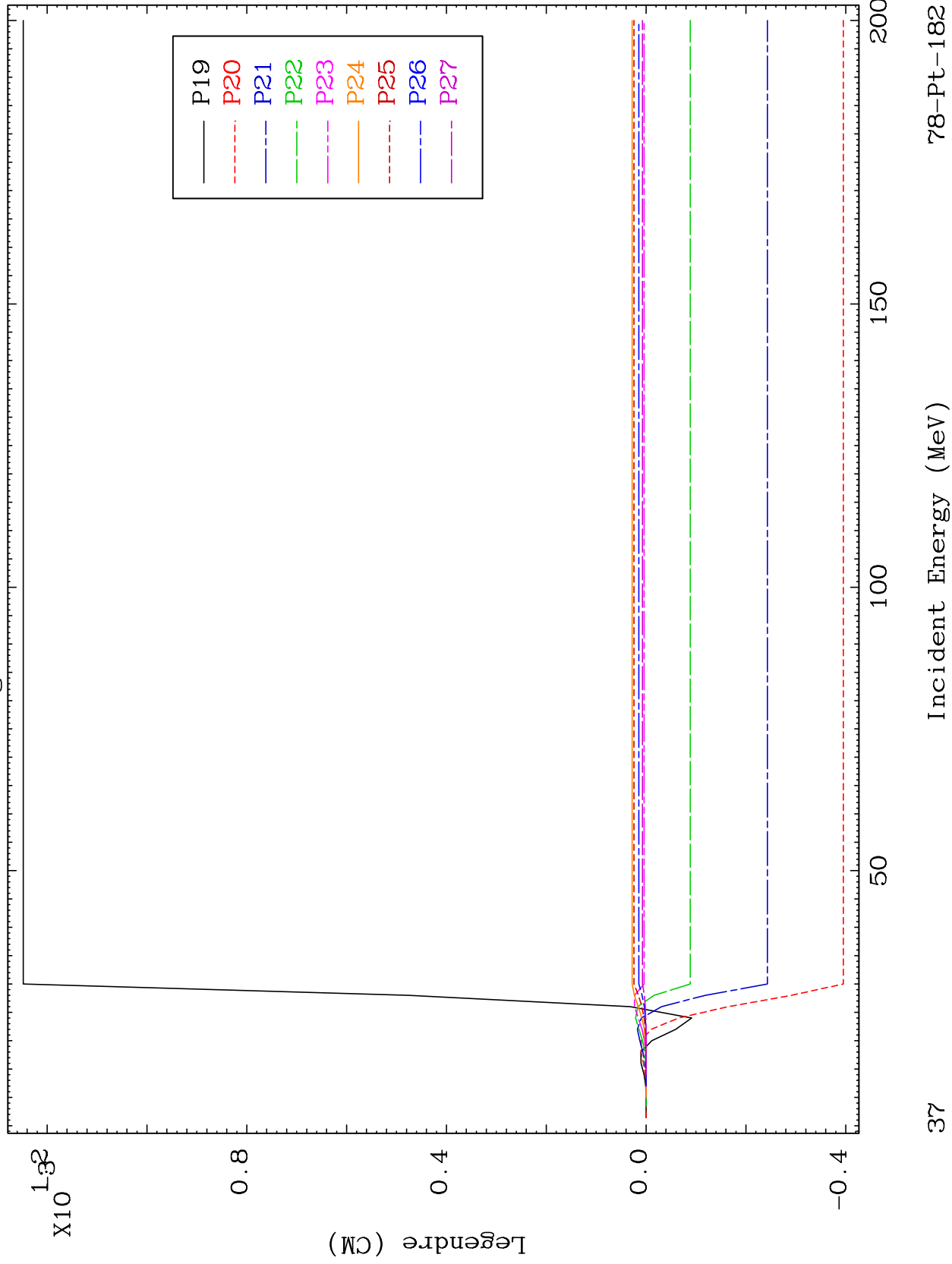




MAT 7801

MT= 55 (n,n') Level
Legendre Coefficients

78-Pt-182



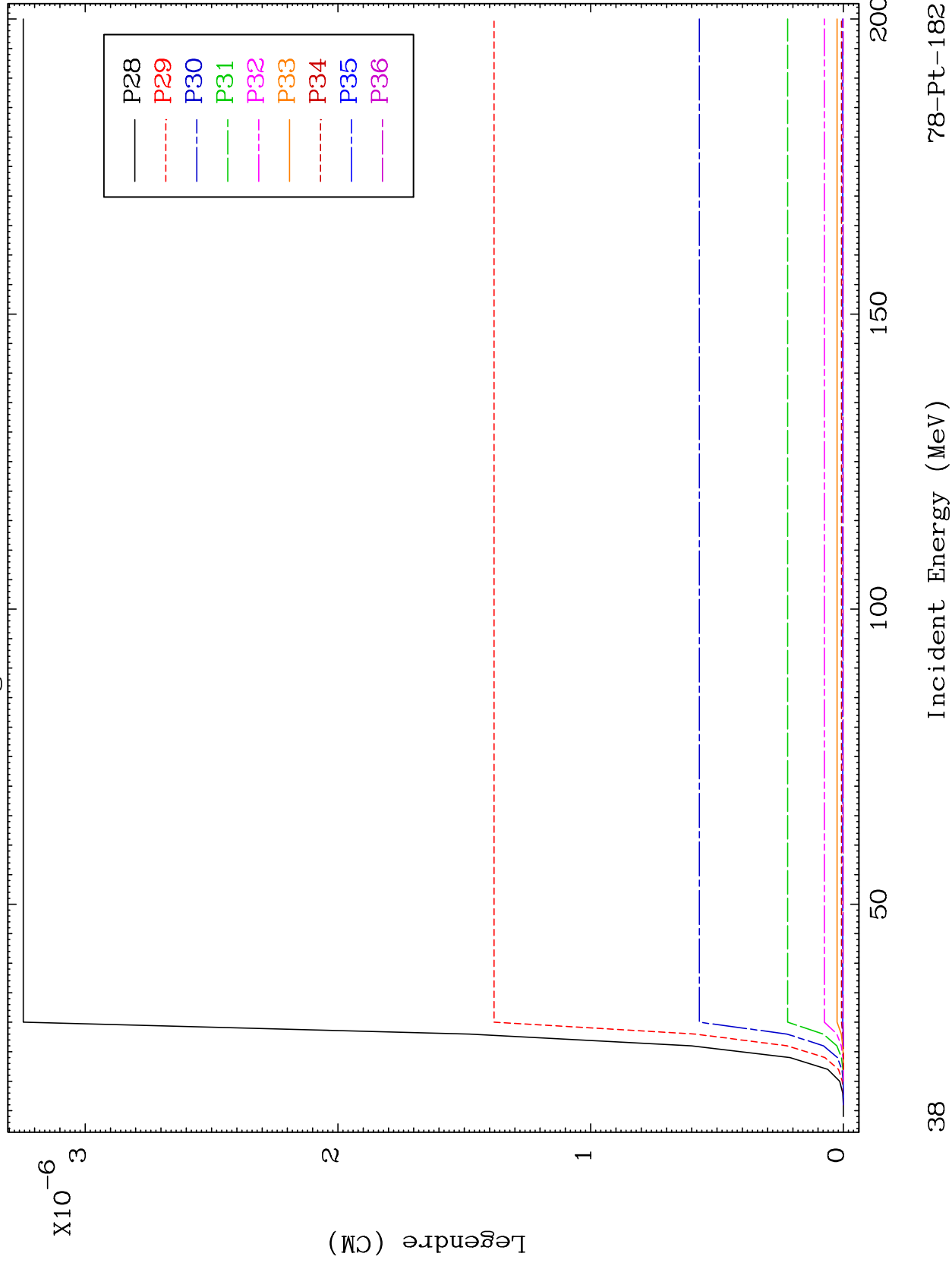
37

78-Pt-182

MAT 7801

MT= 55 (n,n') Level
Legendre Coefficients

78-Pt-182



38

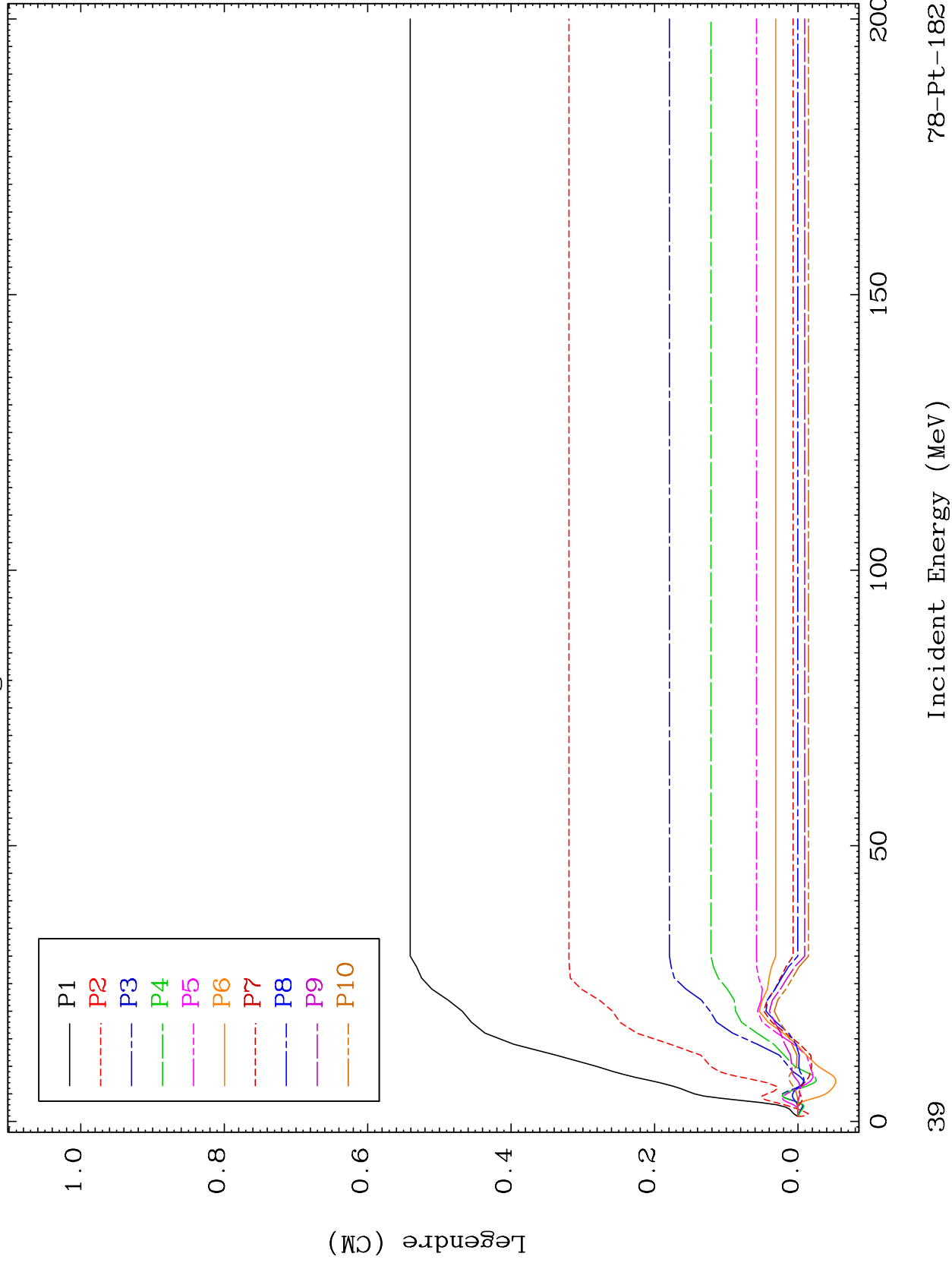
Incident Energy (MeV)

78-Pt-182

MAT 7801

MT= 56 (n,n') Level
Legendre Coefficients

78-Pt-182



39

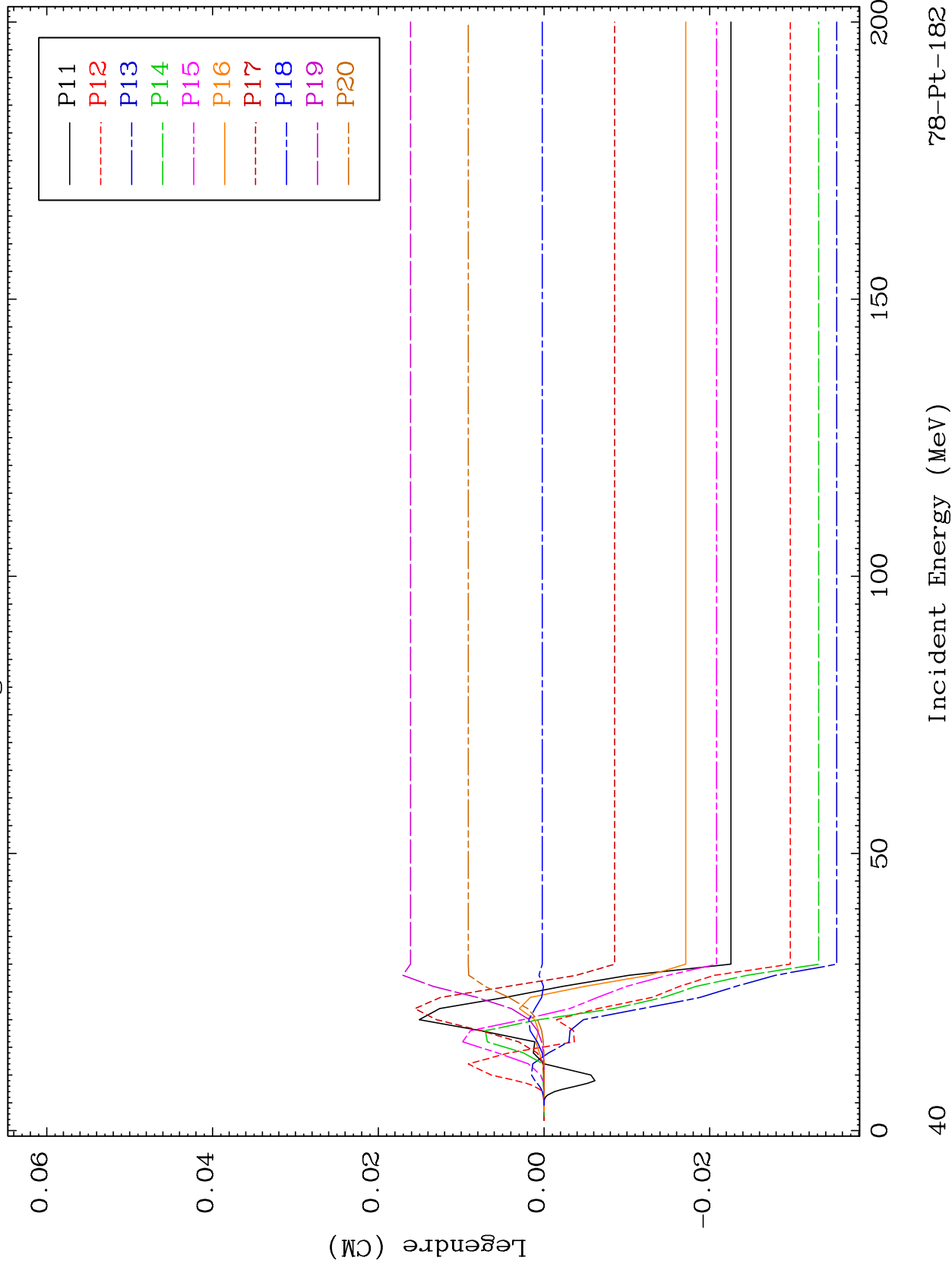
Incident Energy (MeV)

78-Pt-182

MAT 7801

MT= 56 (n,n') Level
Legendre Coefficients

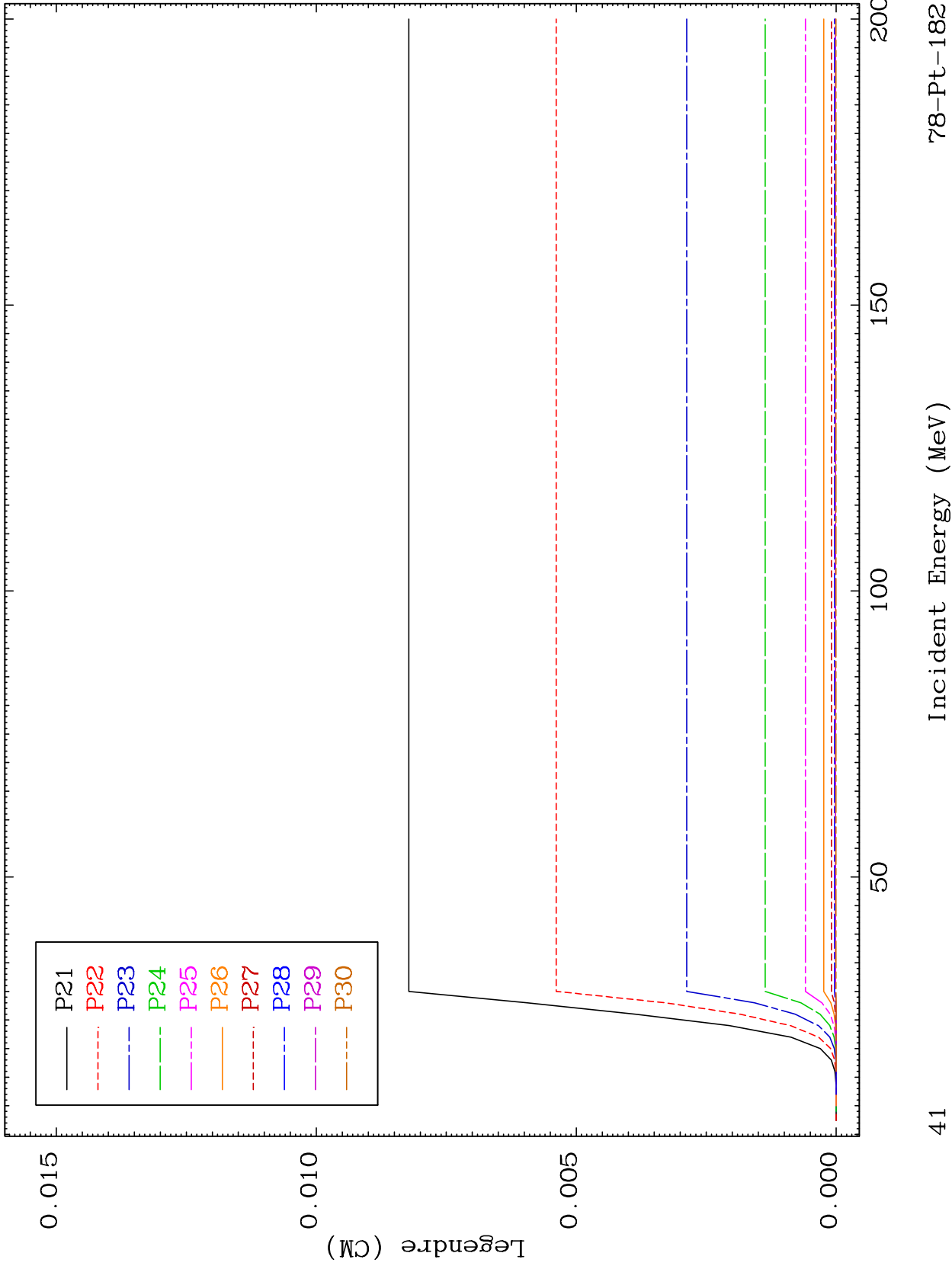
78-Pt-182



MAT 7801

MT= 56 (n,n') Level
Legendre Coefficients

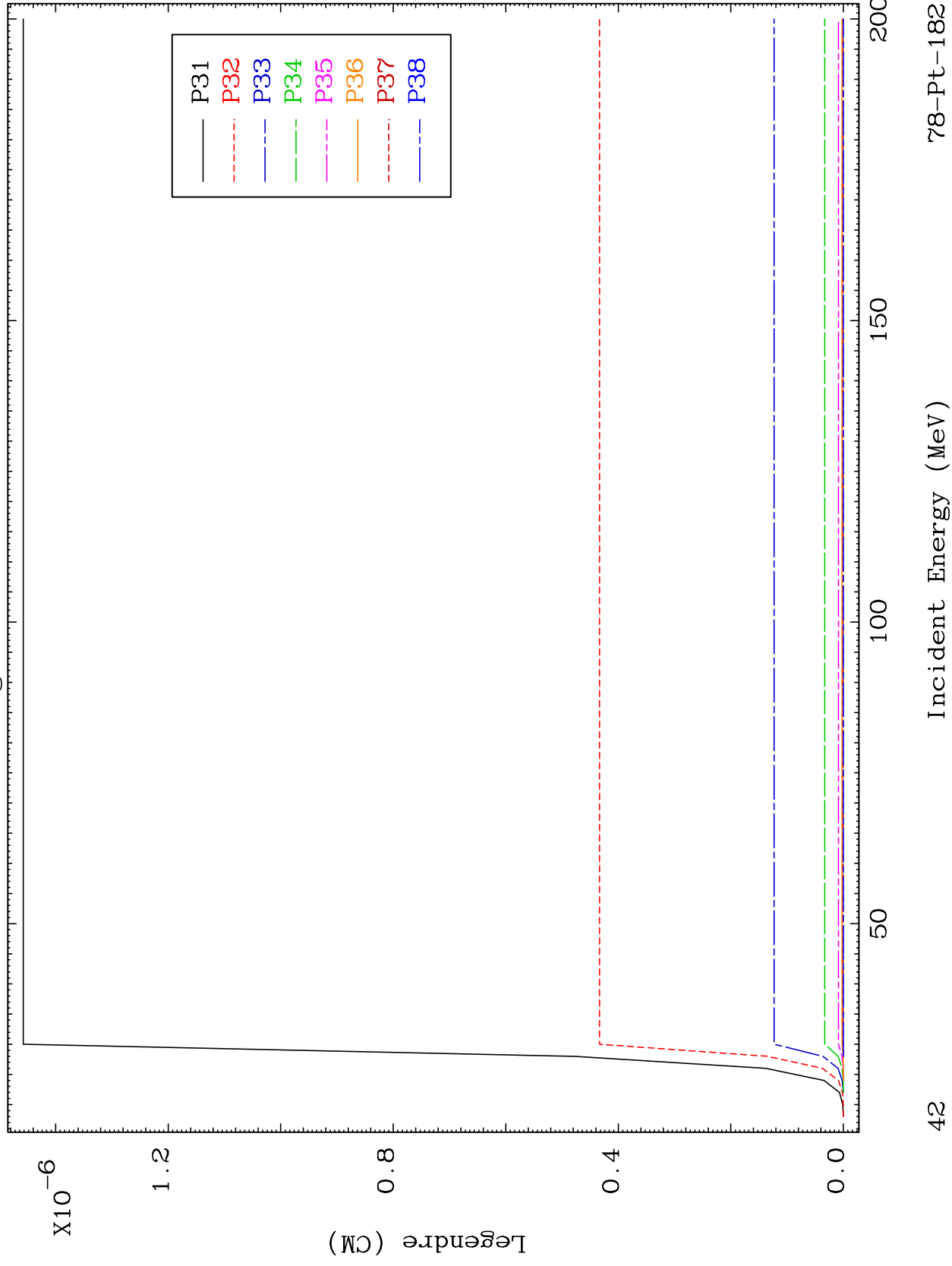
78-Pt-182



MAT 7801

MT= 56 (n,n') Level
Legendre Coefficients

78-Pt-182



42

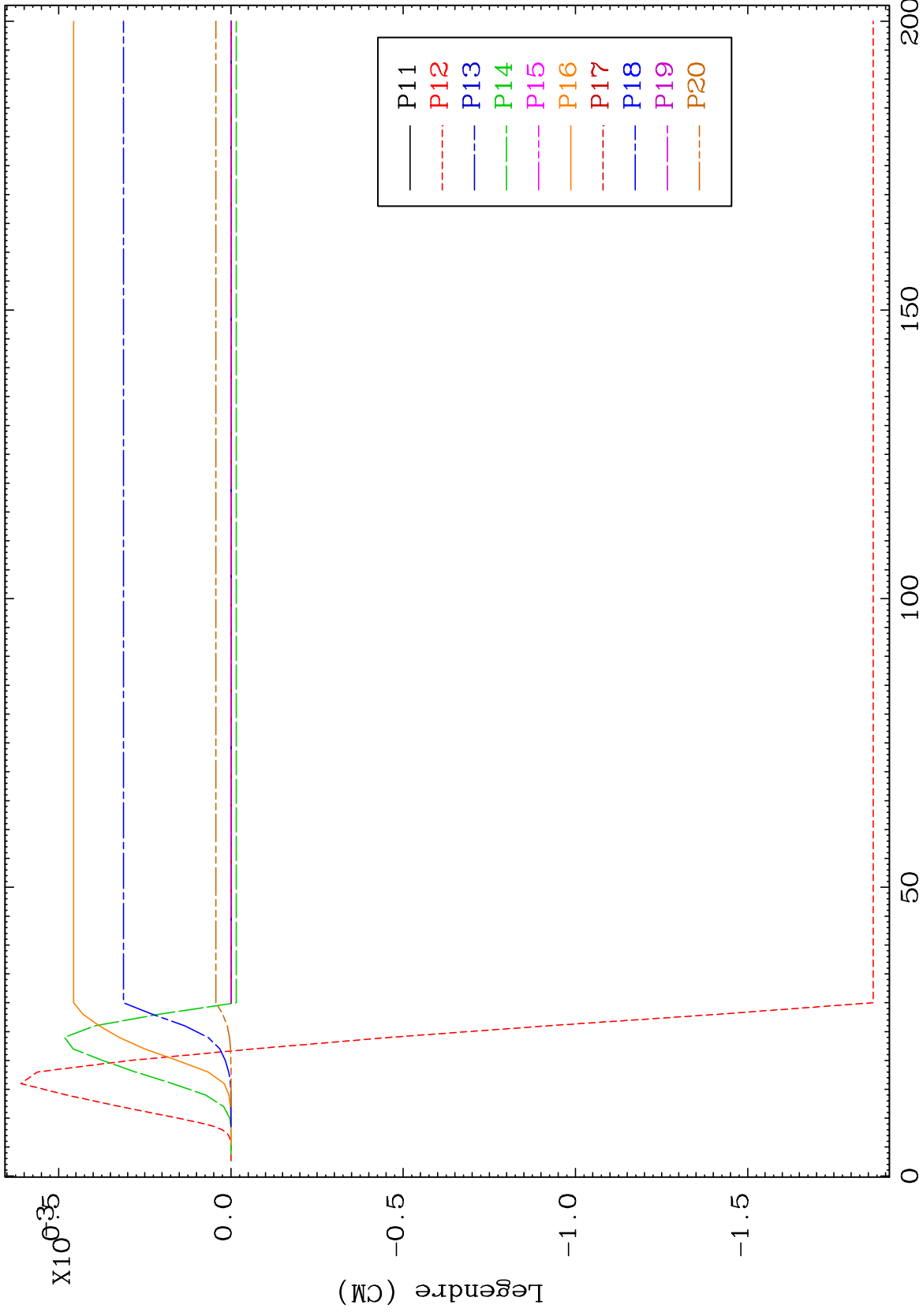
Incident Energy (MeV)

78-Pt-182

MAT 7801

MT= 57 (n,n') Level
Legendre Coefficients

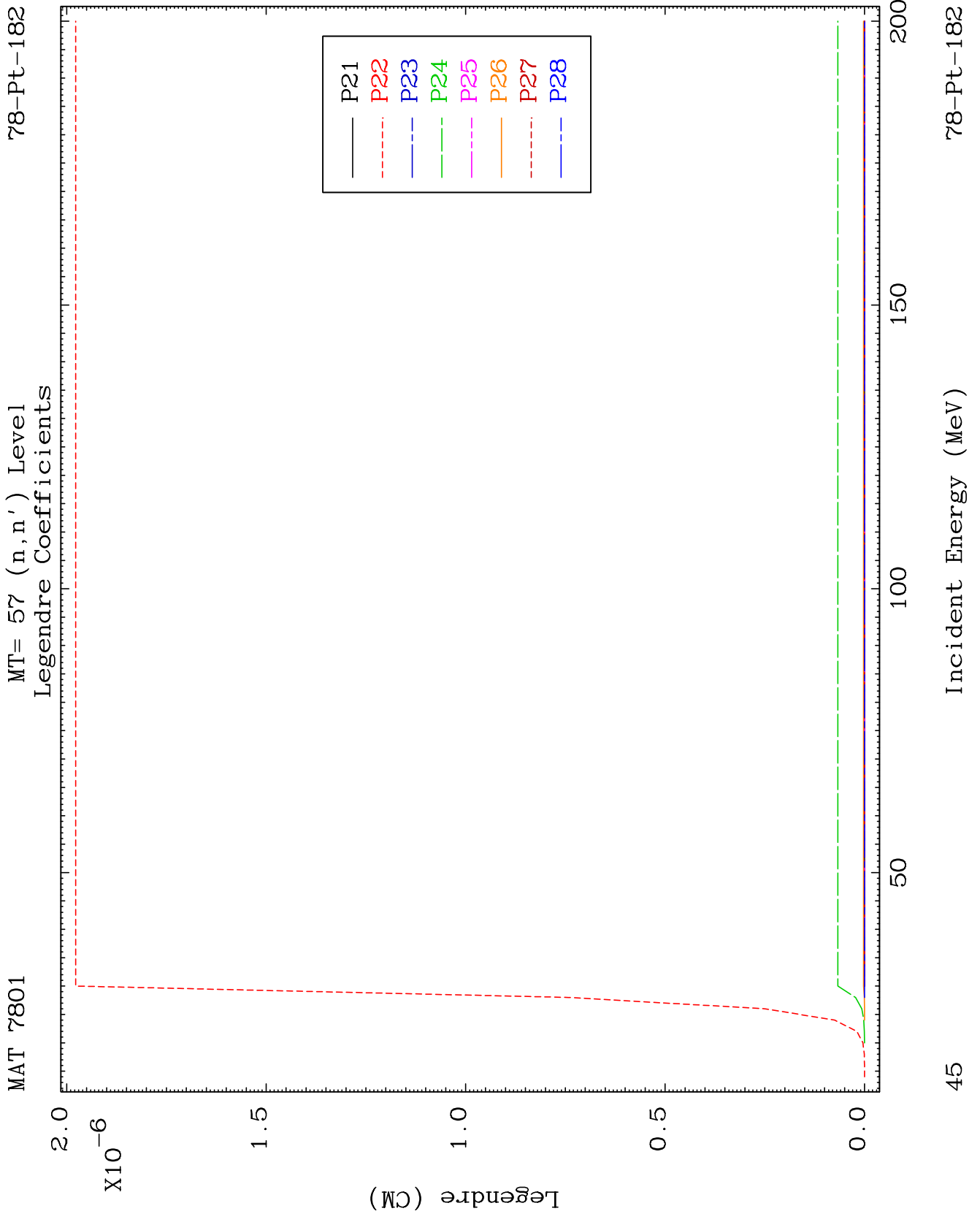
78-Pt-182

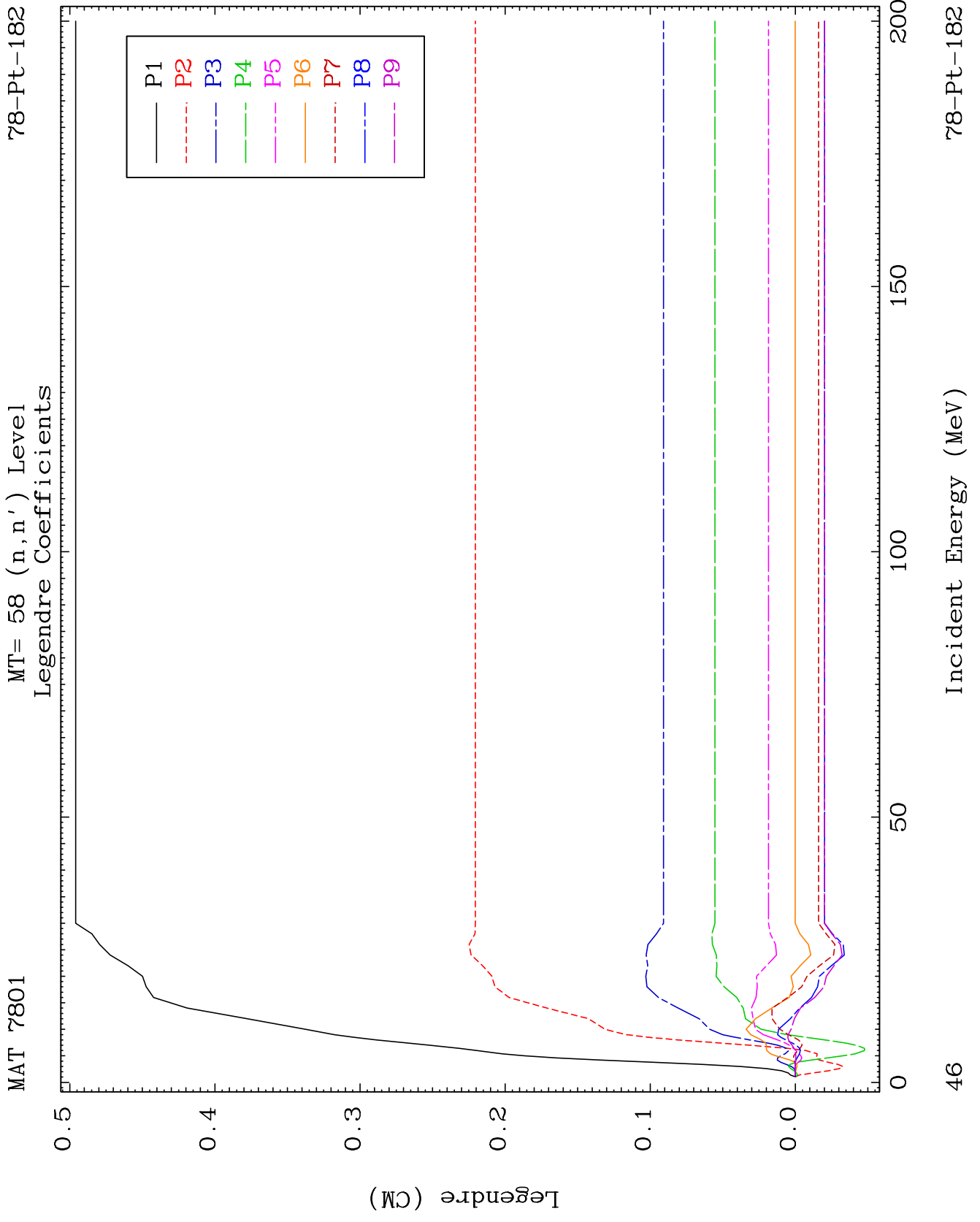


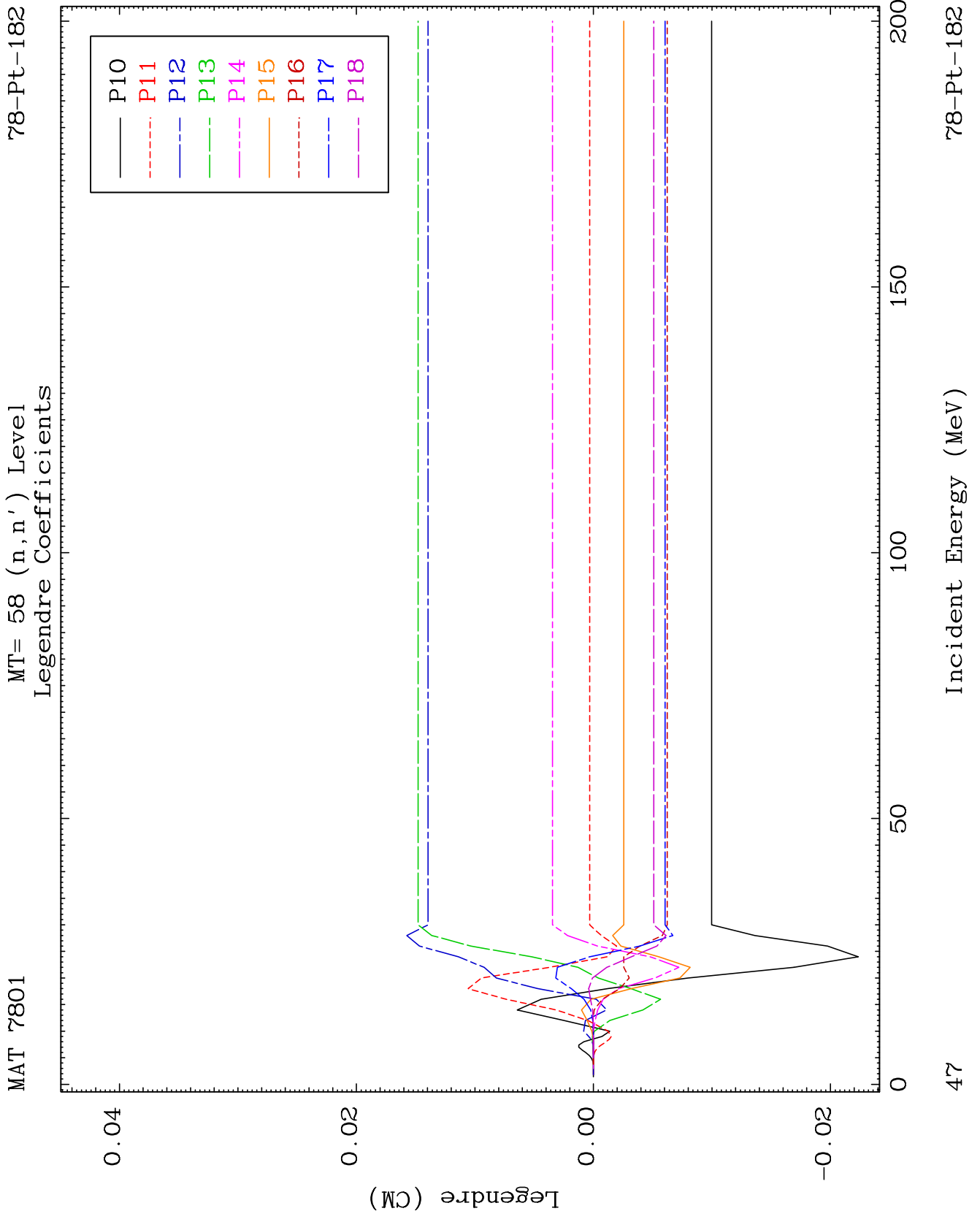
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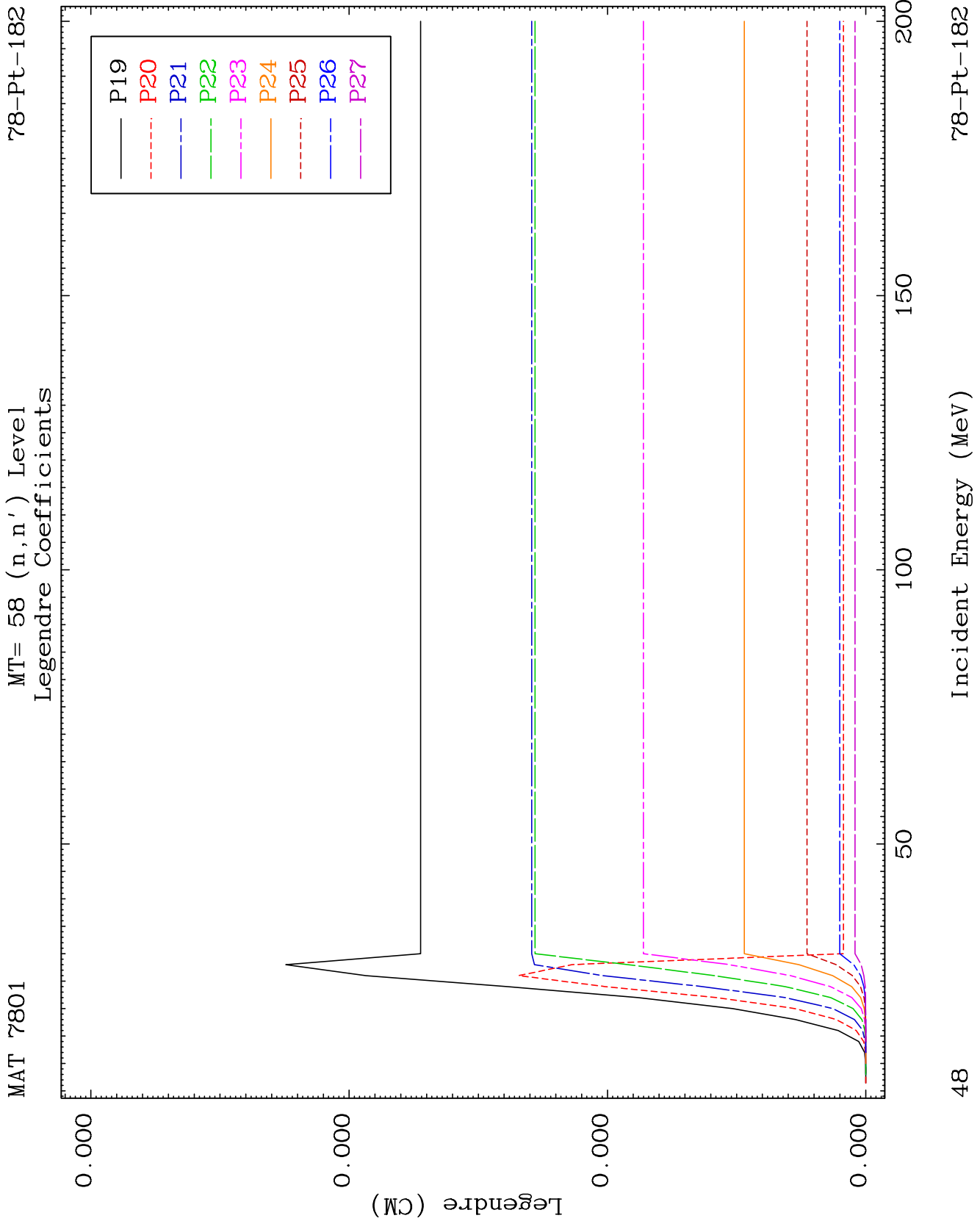
Incident Energy (MeV)

78-Pt-182









MAT 7801

MT= 58 (n,n') Level
Legendre Coefficients

78-Pt-182

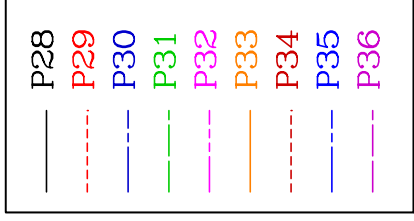
$\times 10^{-5}$
1.5

Legendre (CM)

1.0

0.5

0.0

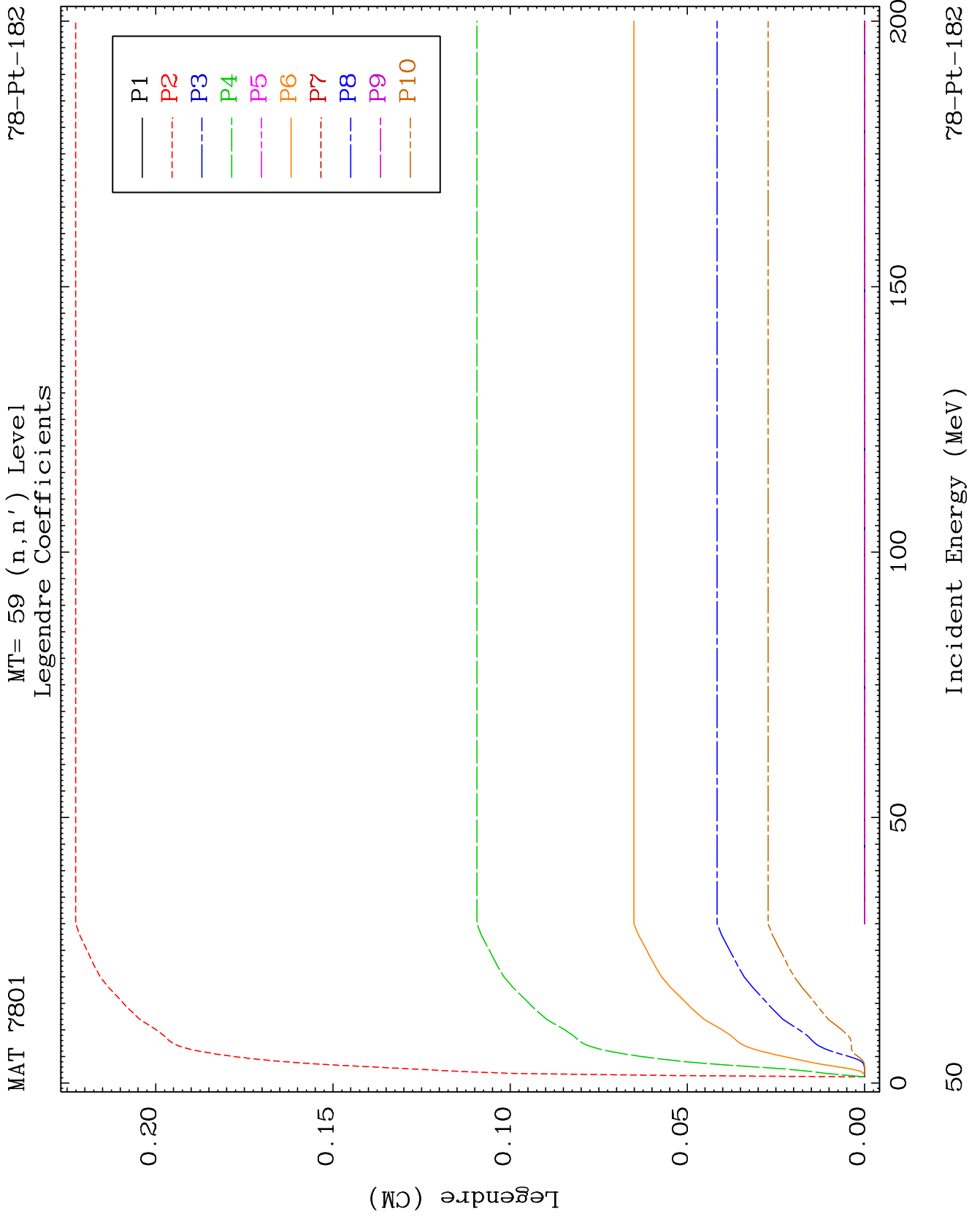


50 100 150 200

49

Incident Energy (MeV)

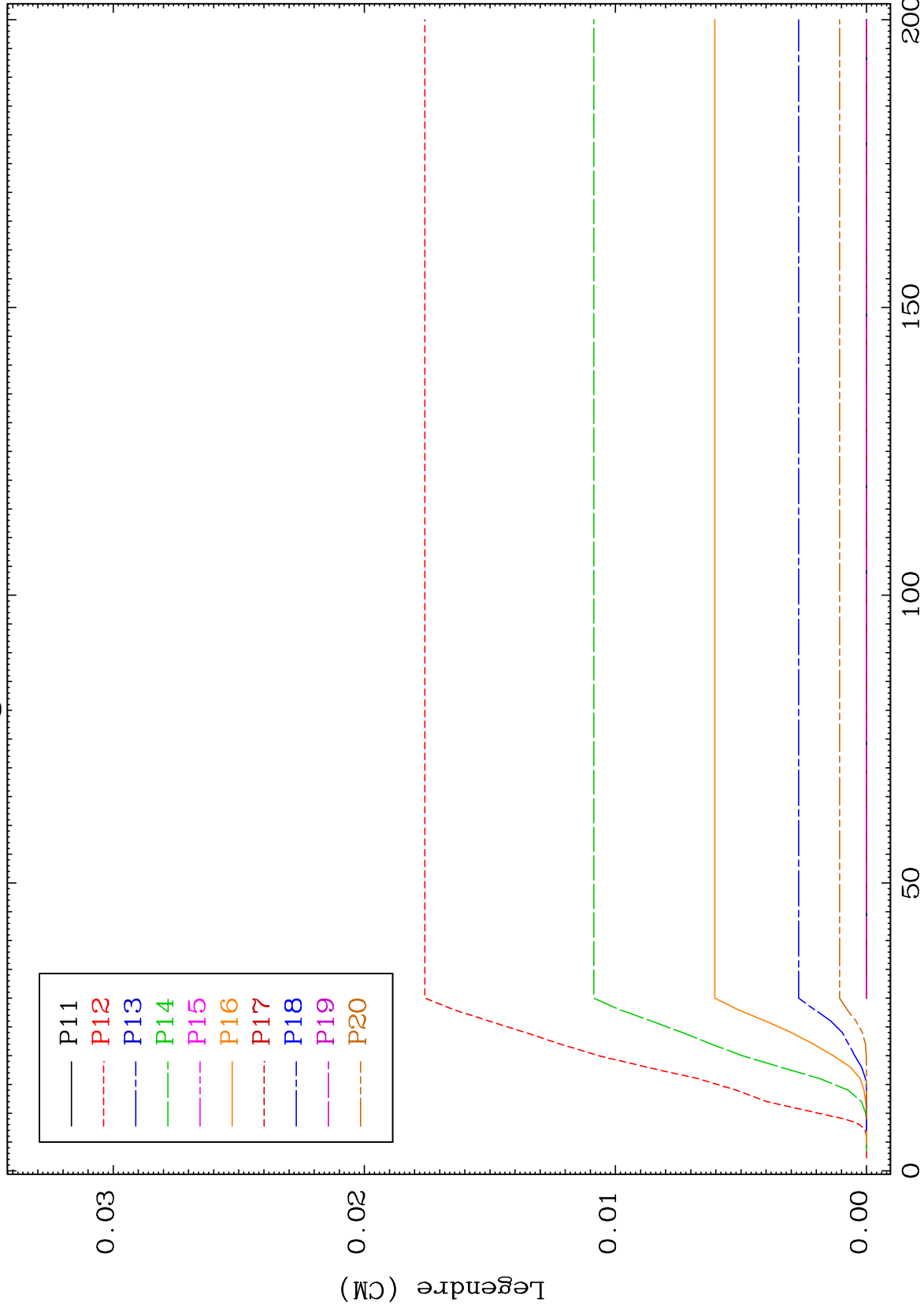
78-Pt-182



MAT 7801

MT= 59 (n,n') Level
Legendre Coefficients

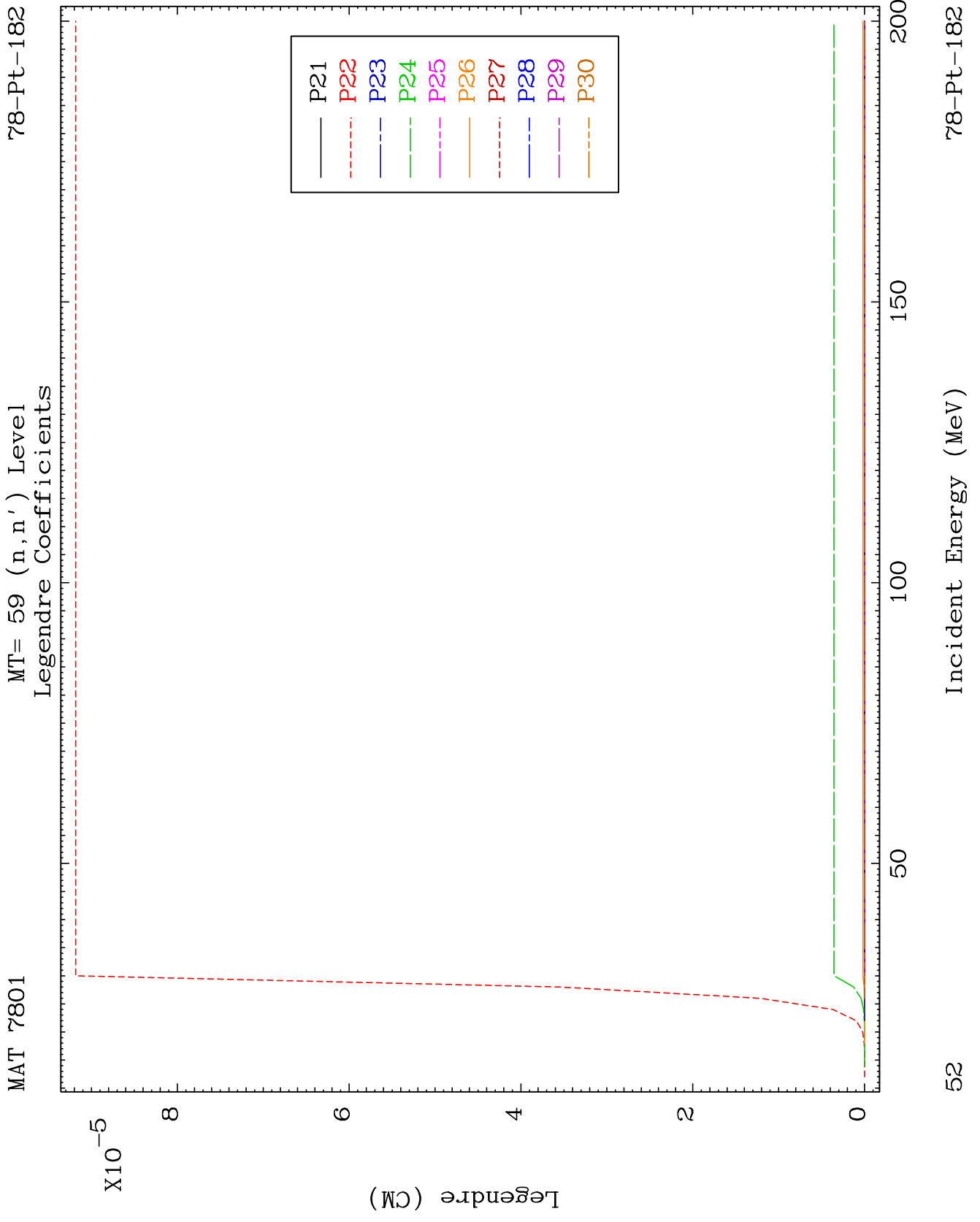
78-Pt-182

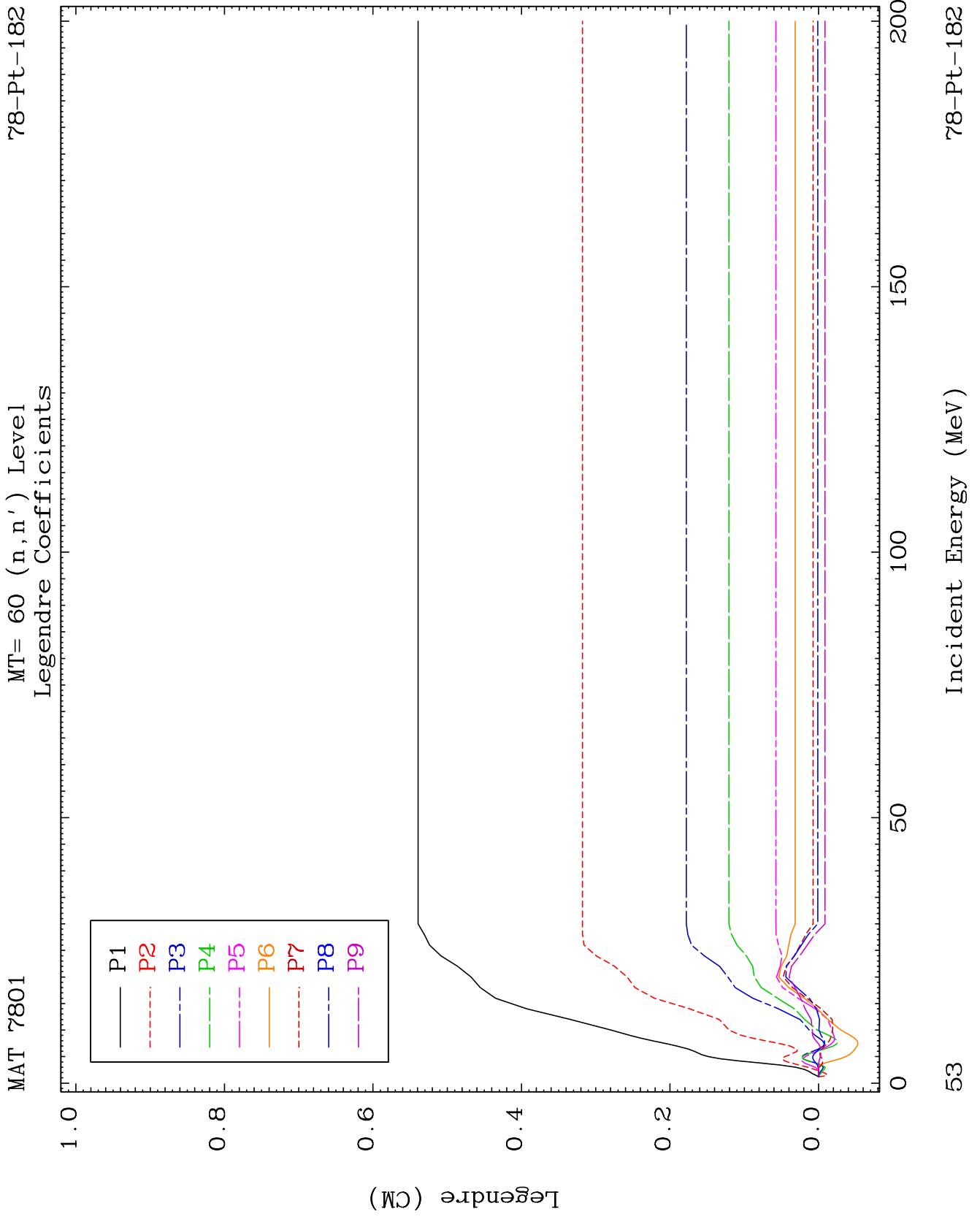


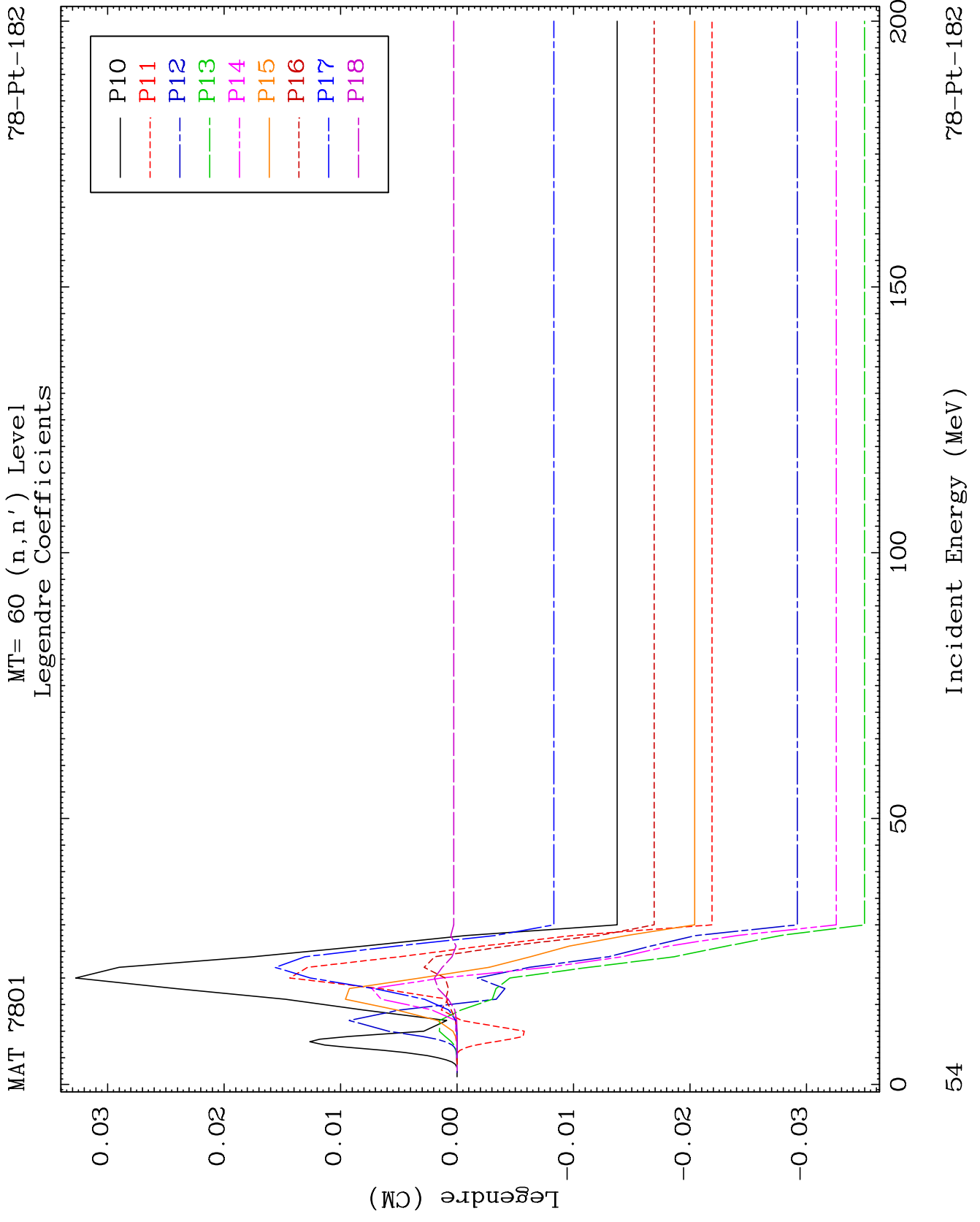
51

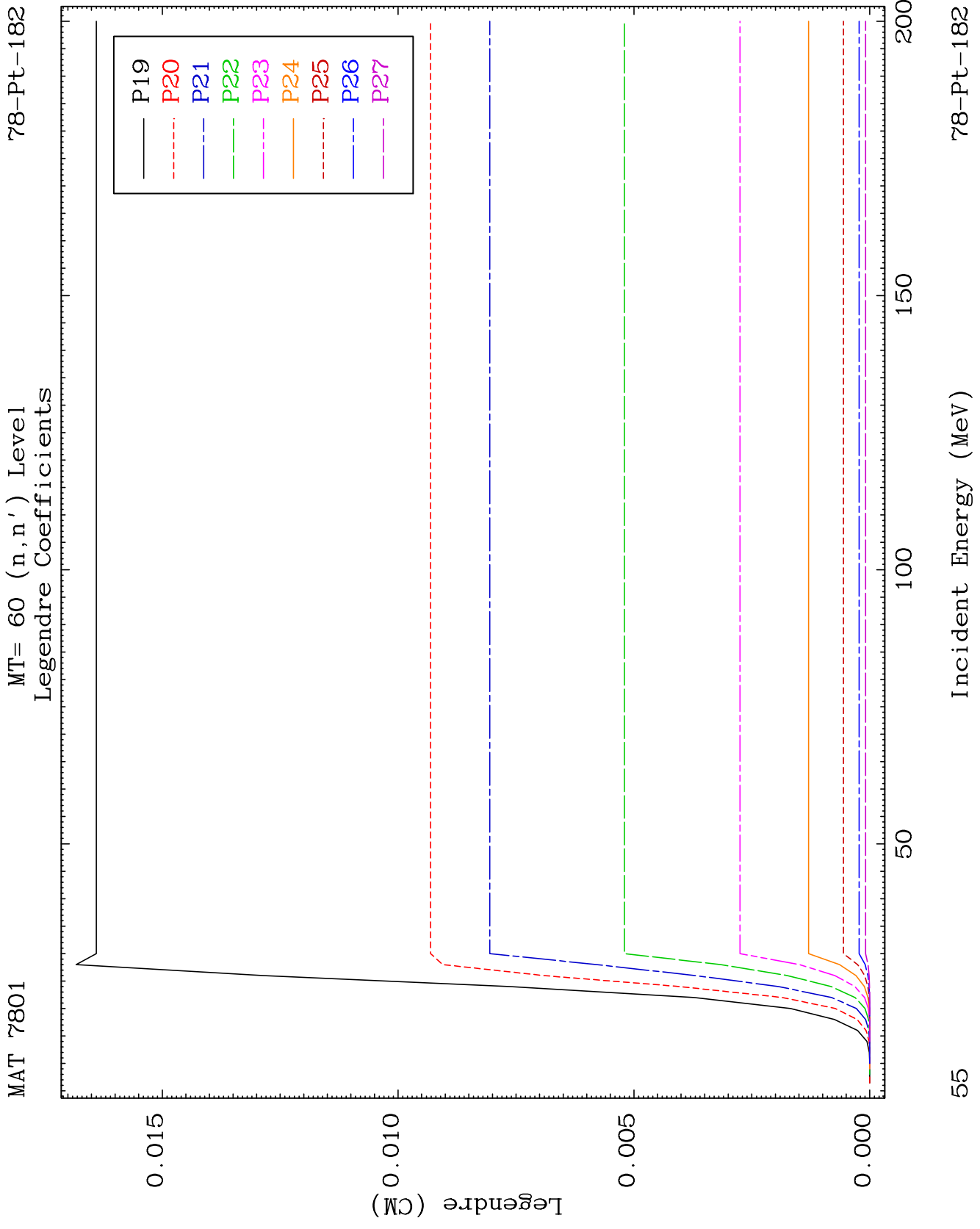
Incident Energy (MeV)

78-Pt-182





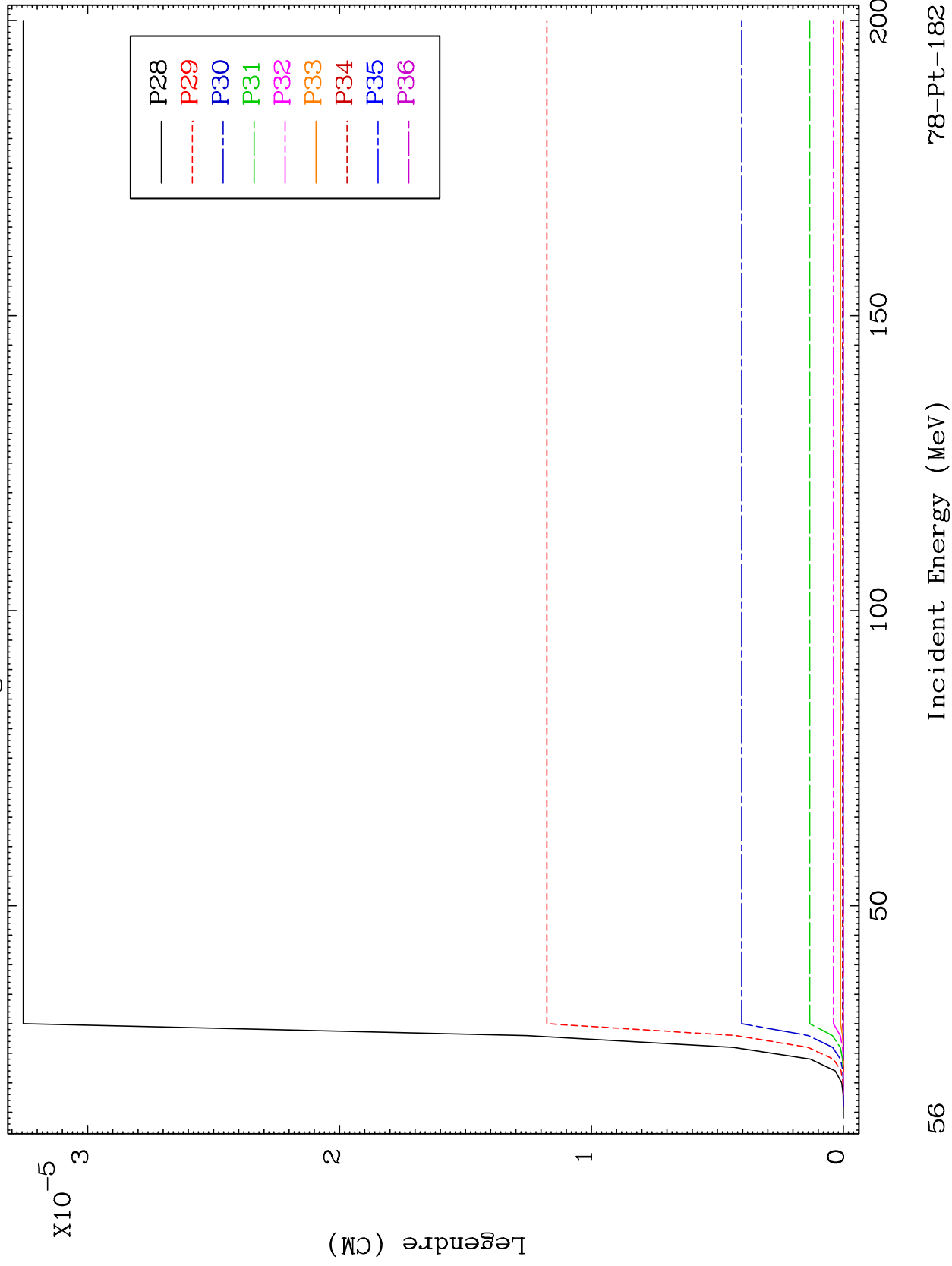




MAT 7801

MT= 60 (n,n') Level
Legendre Coefficients

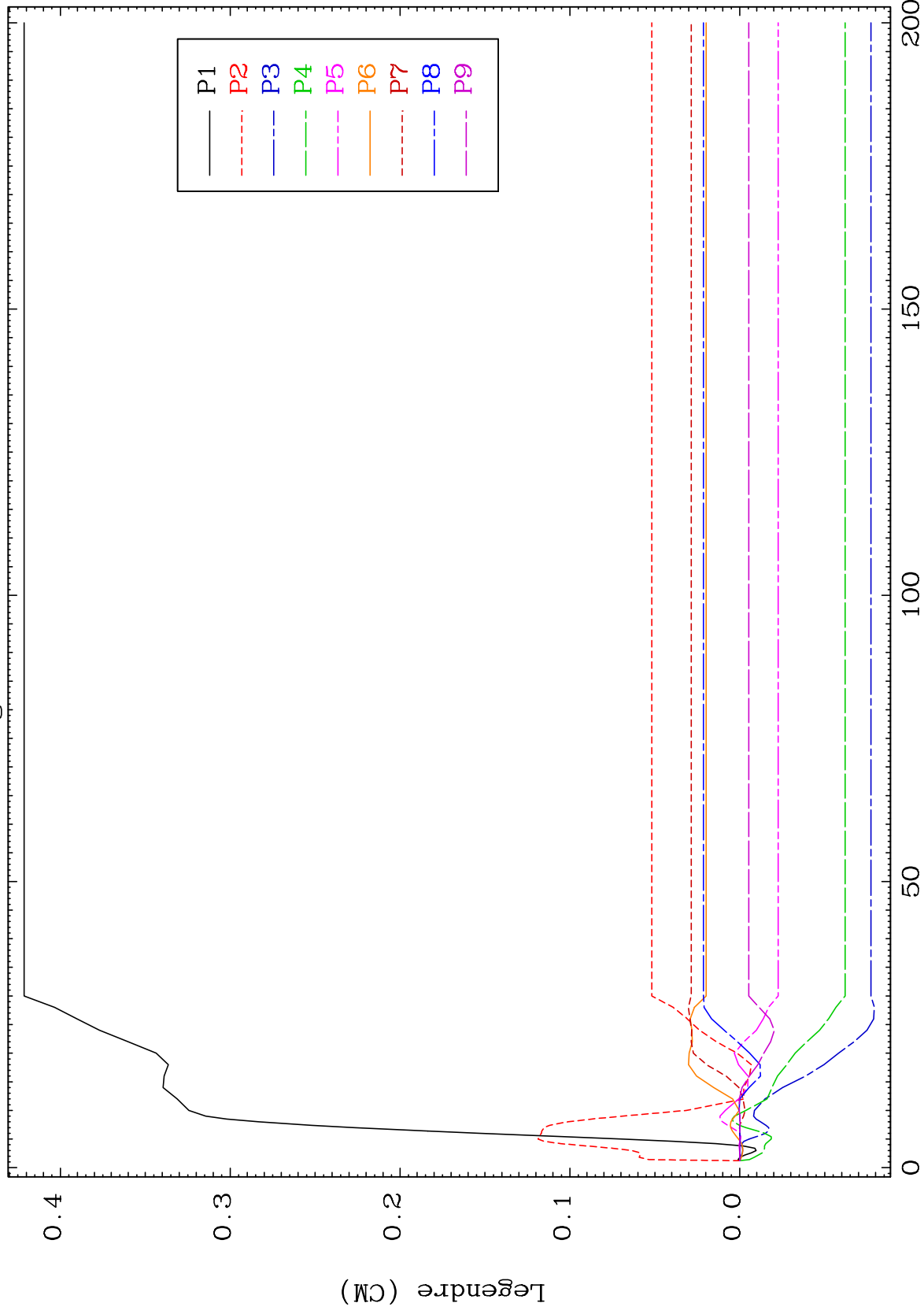
78-Pt-182



MAT 7801

MT= 61 (n,n') Level
Legendre Coefficients

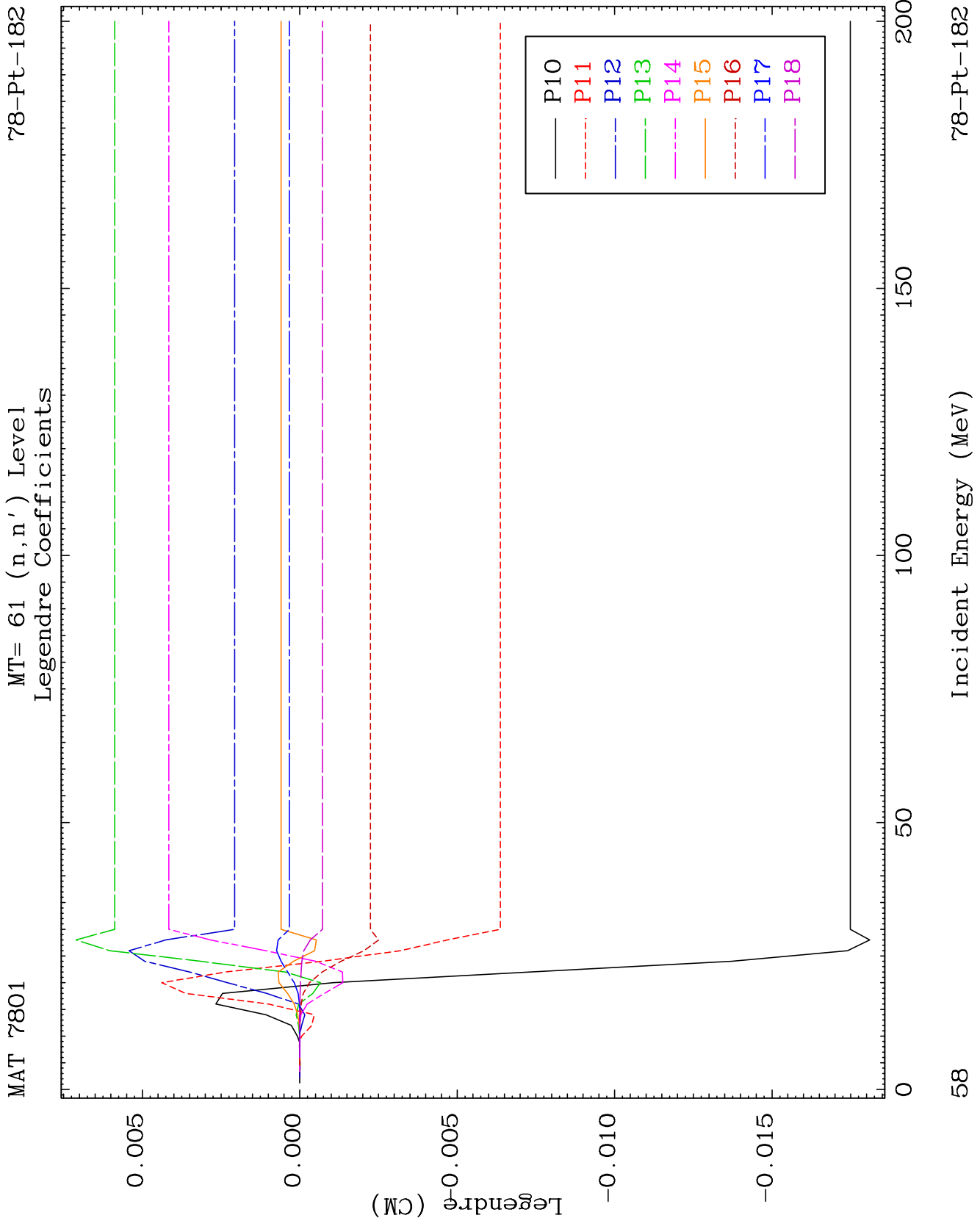
78-Pt-182



57

Incident Energy (MeV)

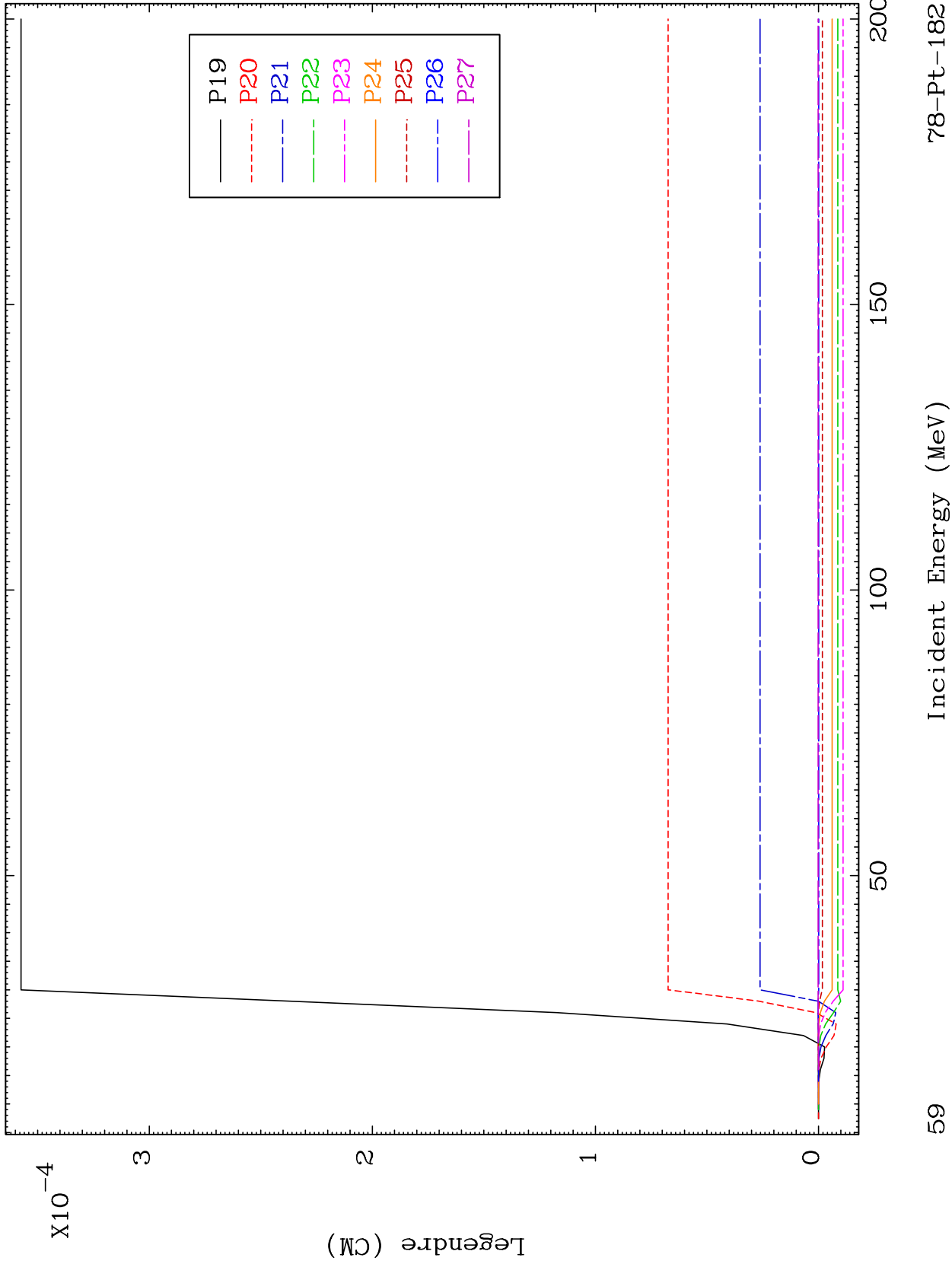
78-Pt-182



MAT 7801

MT= 61 (n,n') Level
Legendre Coefficients

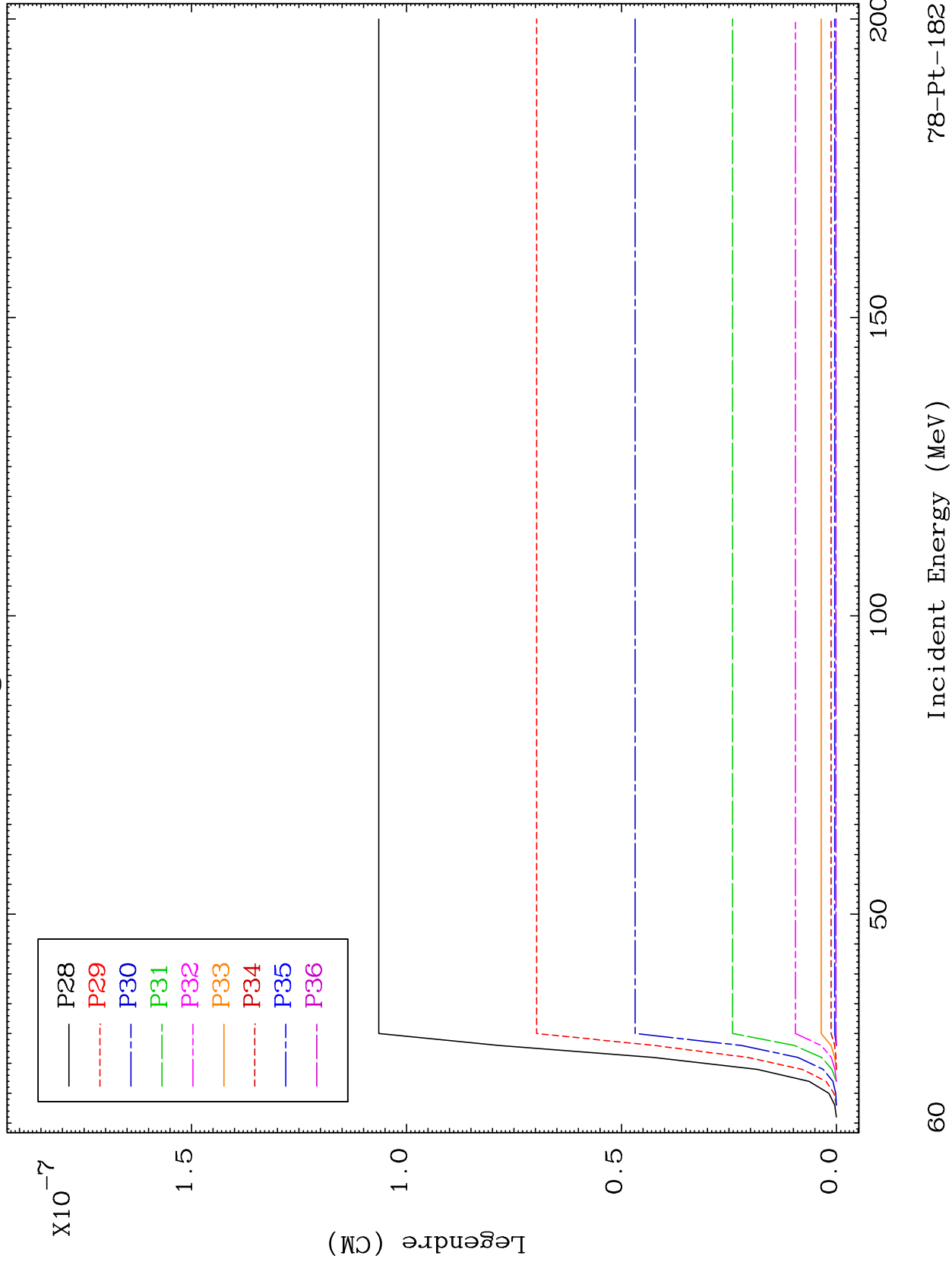
78-Pt-182

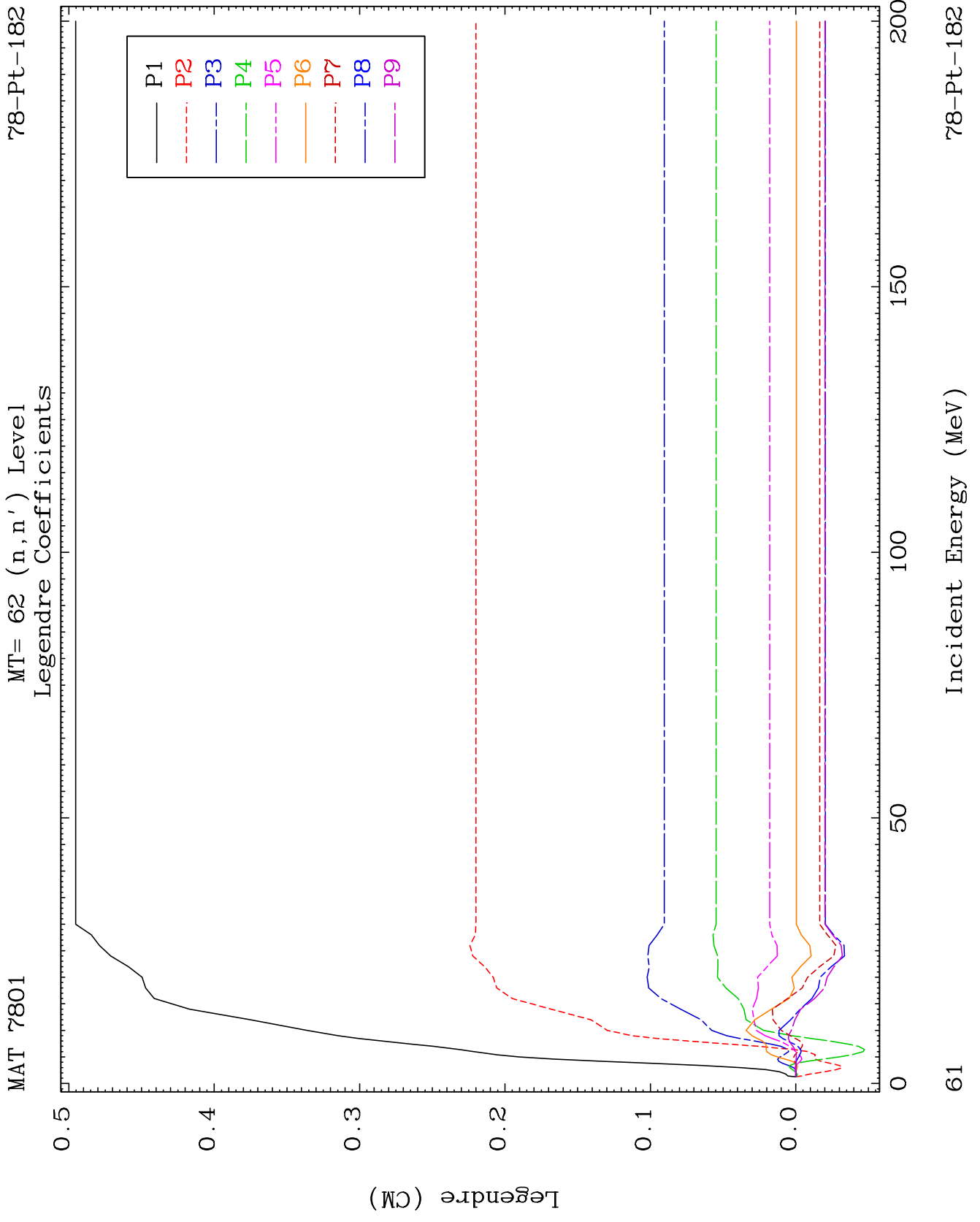


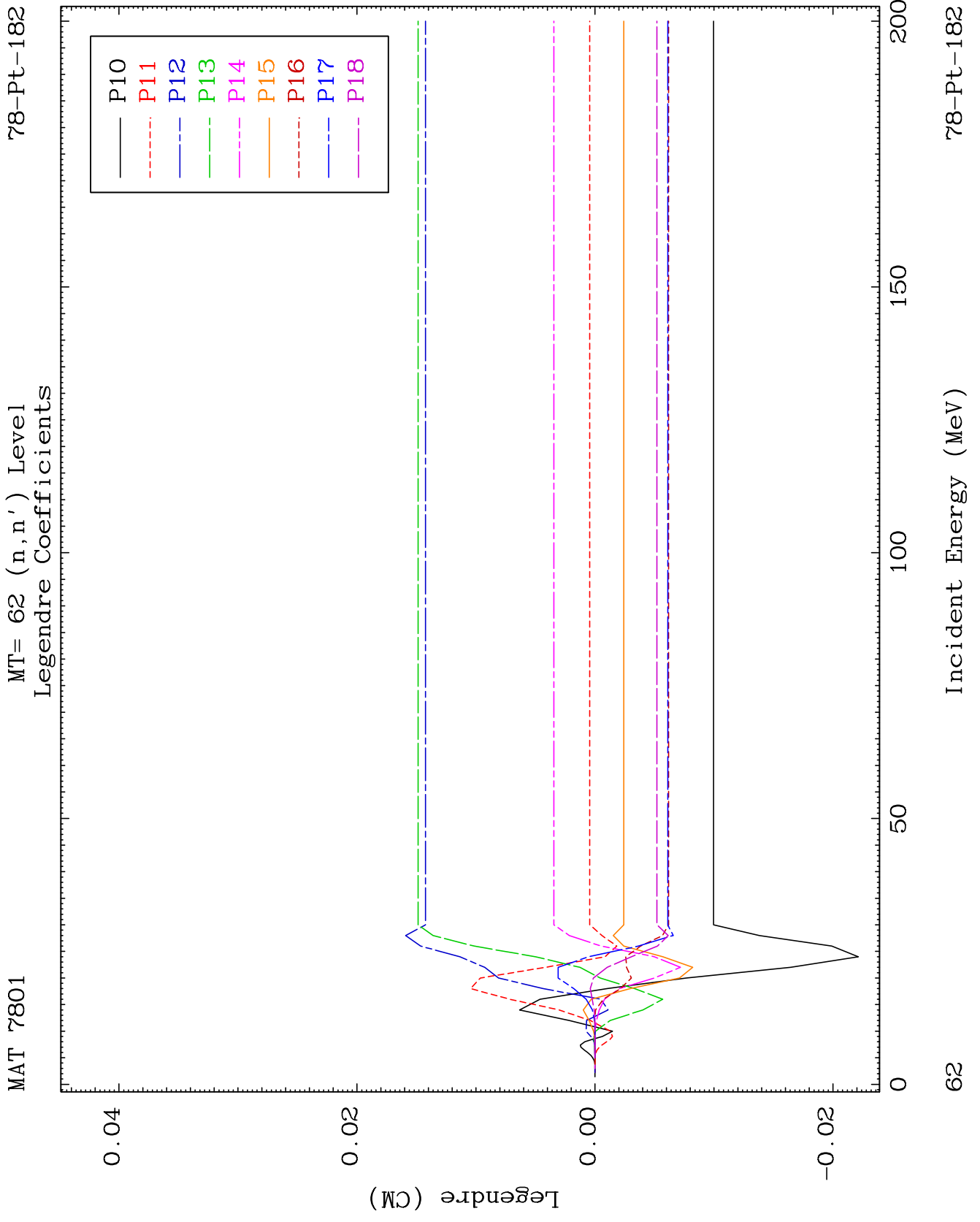
MAT 7801

MT= 61 (n,n') Level
Legendre Coefficients

78-Pt-182



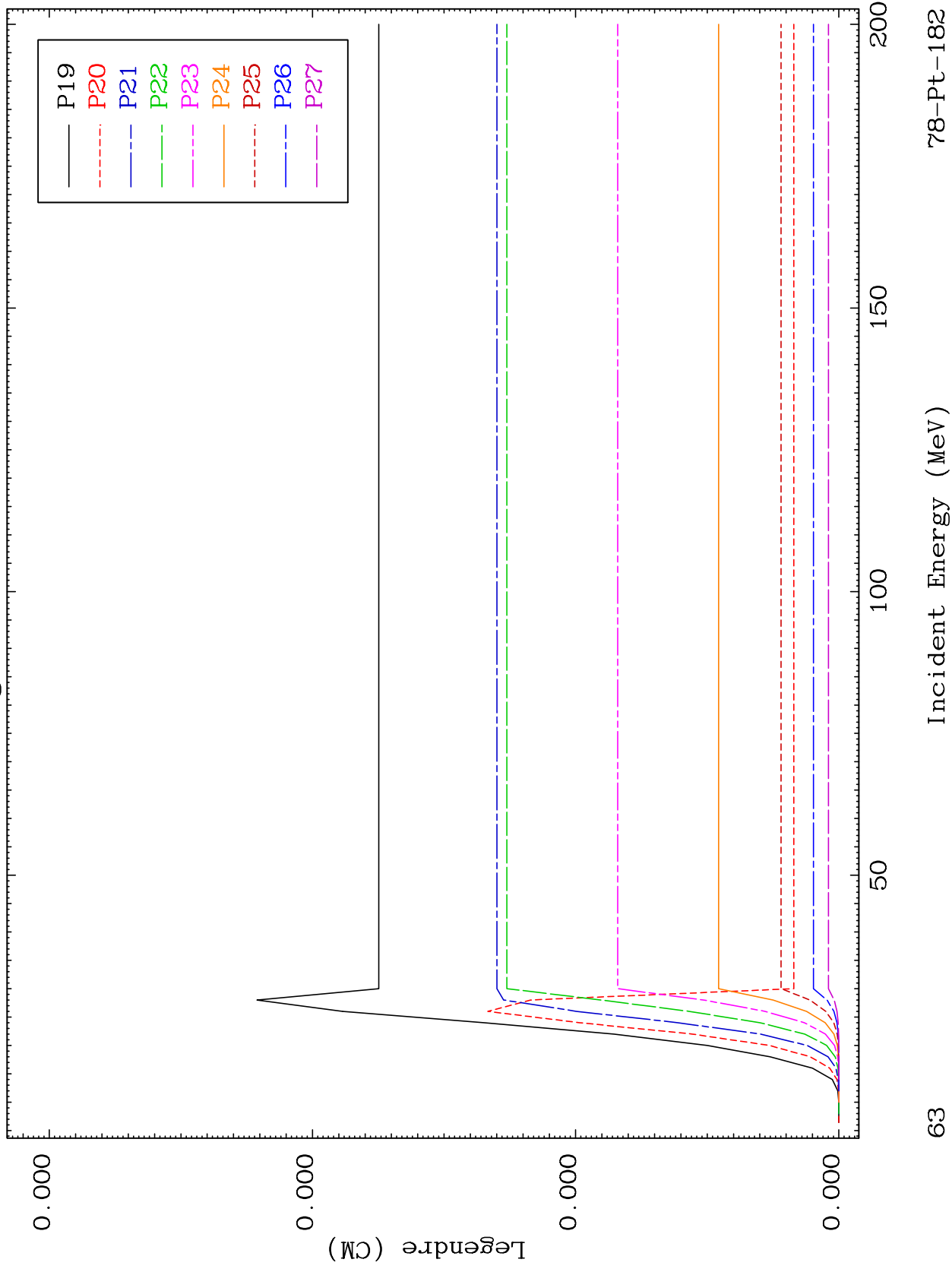




MAT 7801

MT= 62 (n,n') Level
Legendre Coefficients

78-Pt-182



63

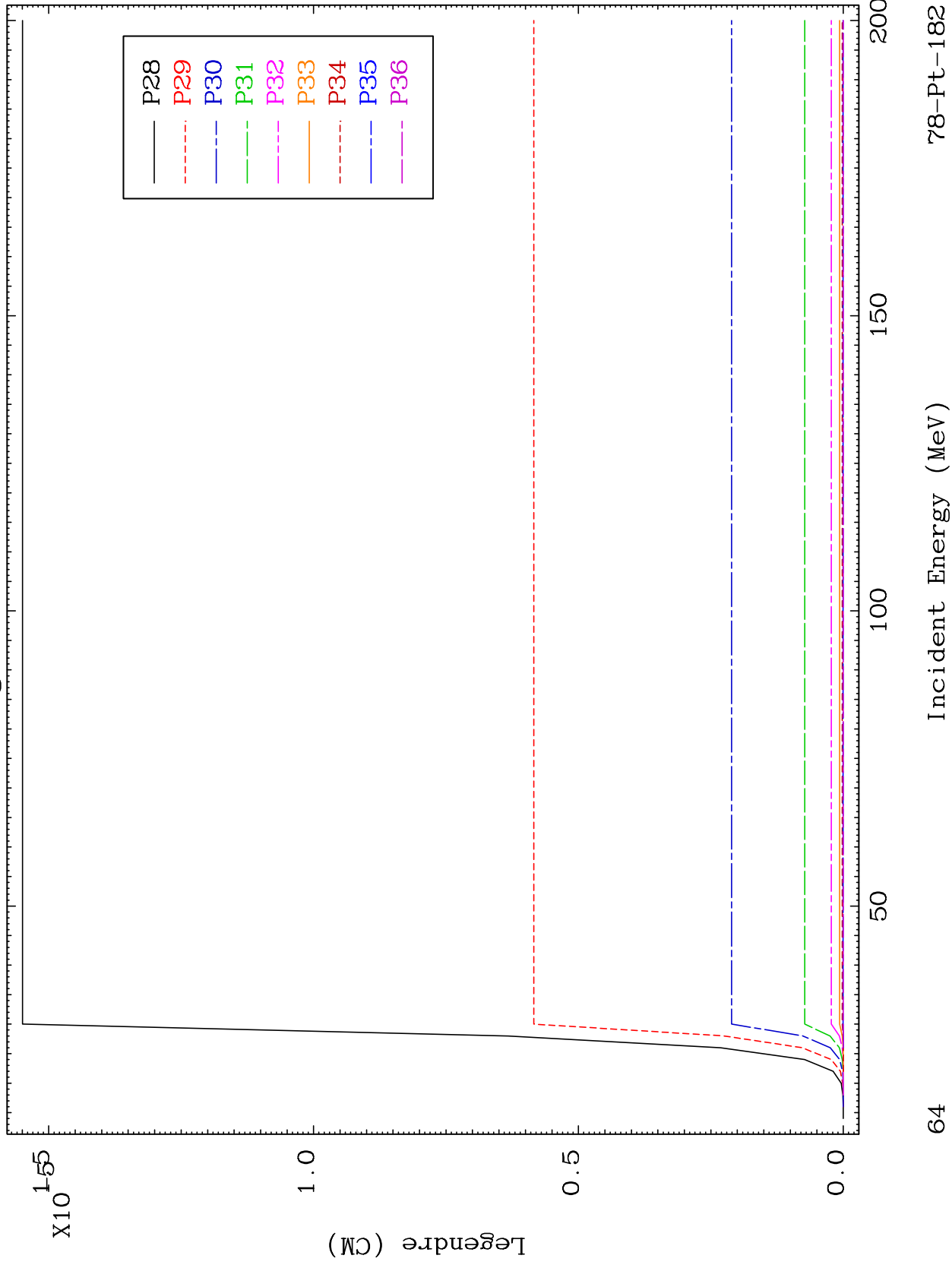
Incident Energy (MeV)

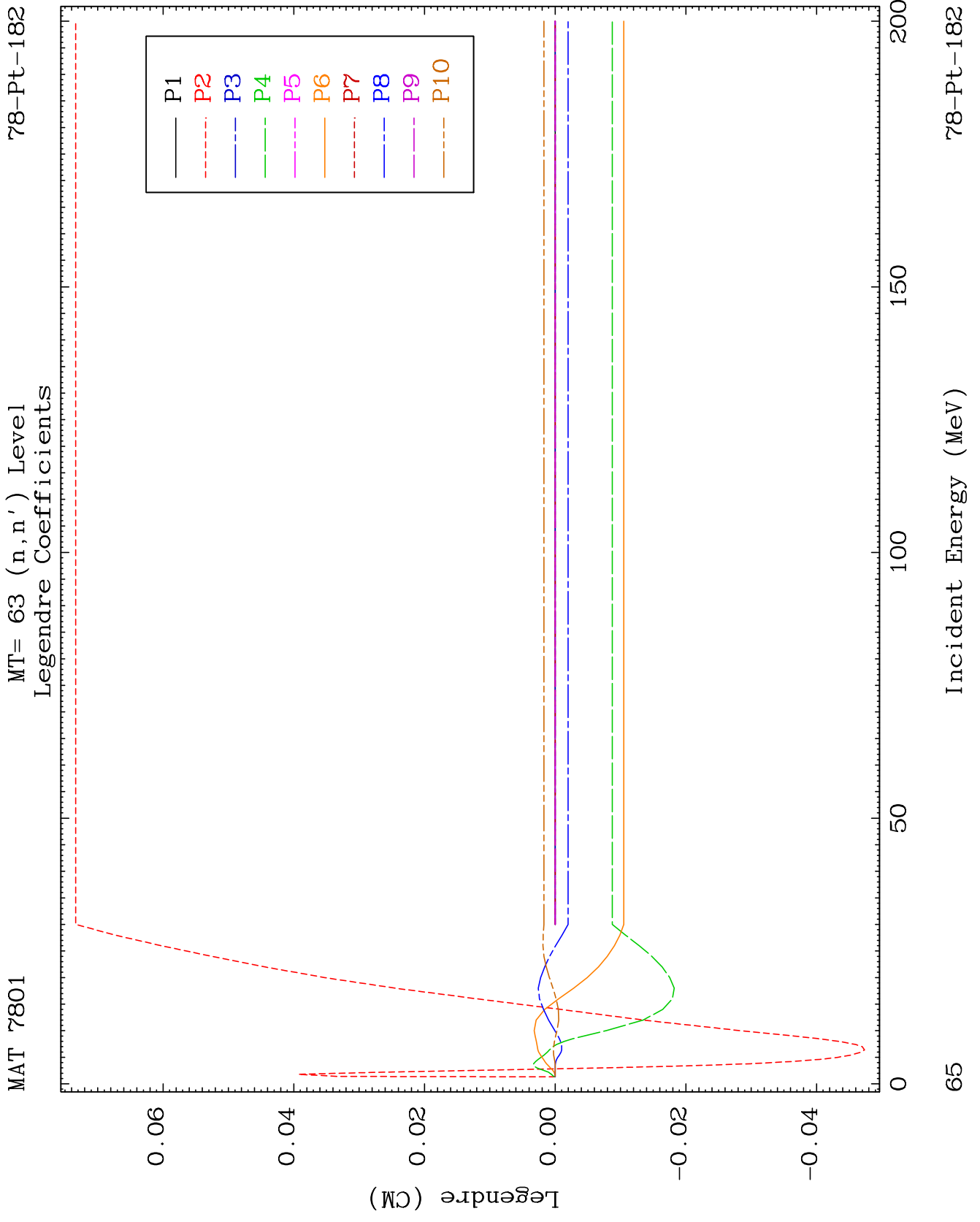
78-Pt-182

MAT 7801

MT= 62 (n,n') Level
Legendre Coefficients

78-Pt-182

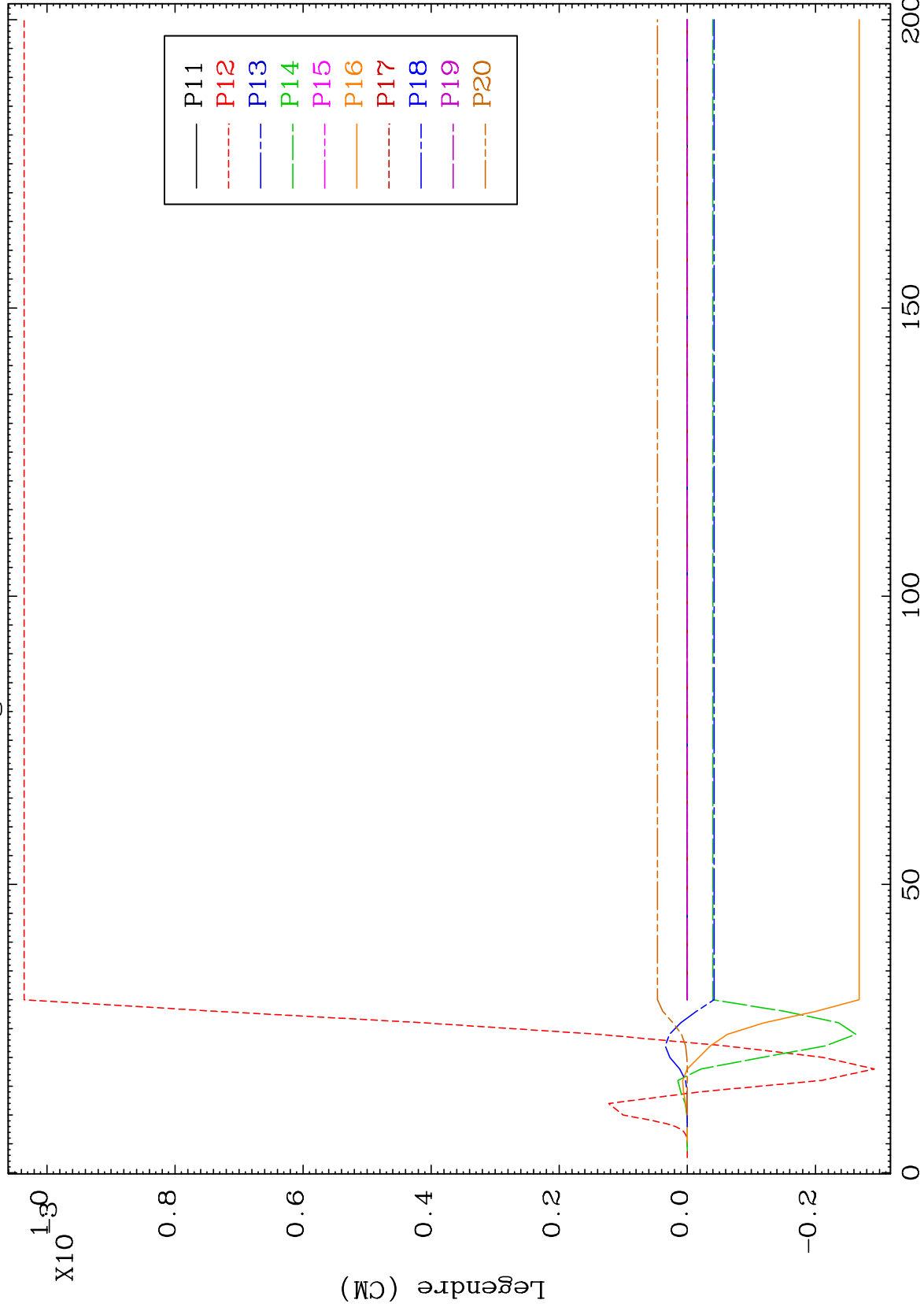




MAT 7801

MT= 63 (n,n') Level
Legendre Coefficients

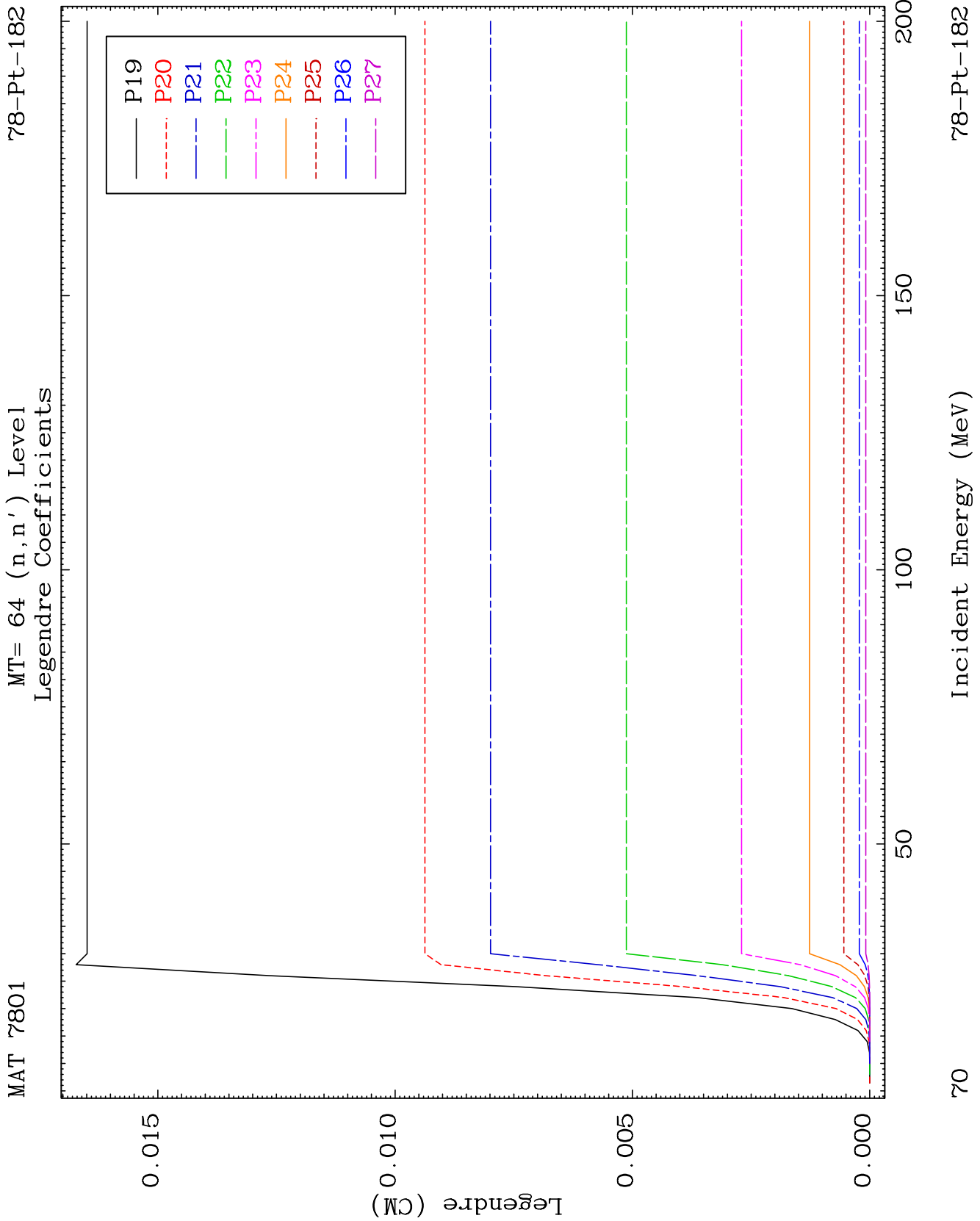
78-Pt-182



66

Incident Energy (MeV)

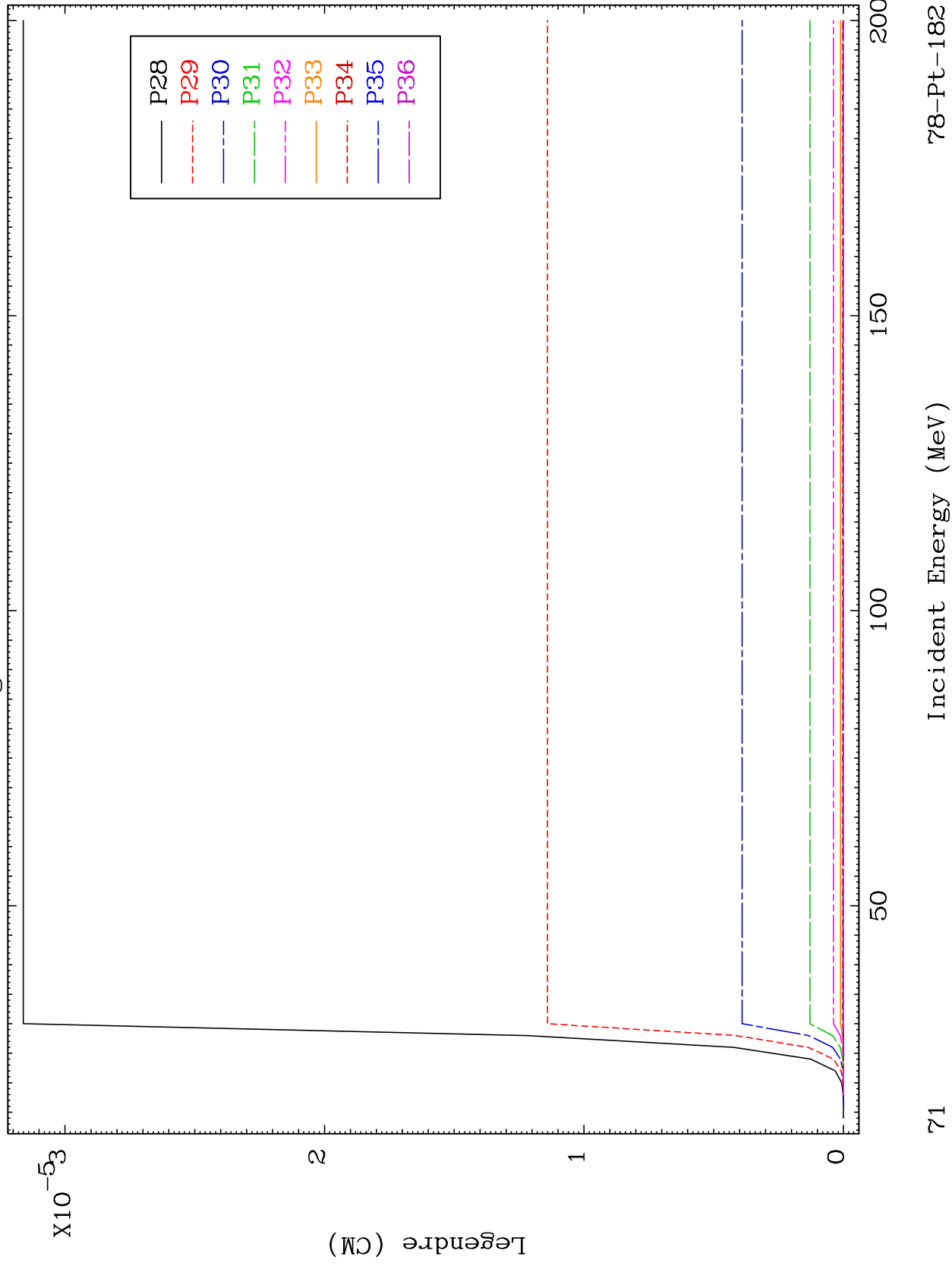
78-Pt-182

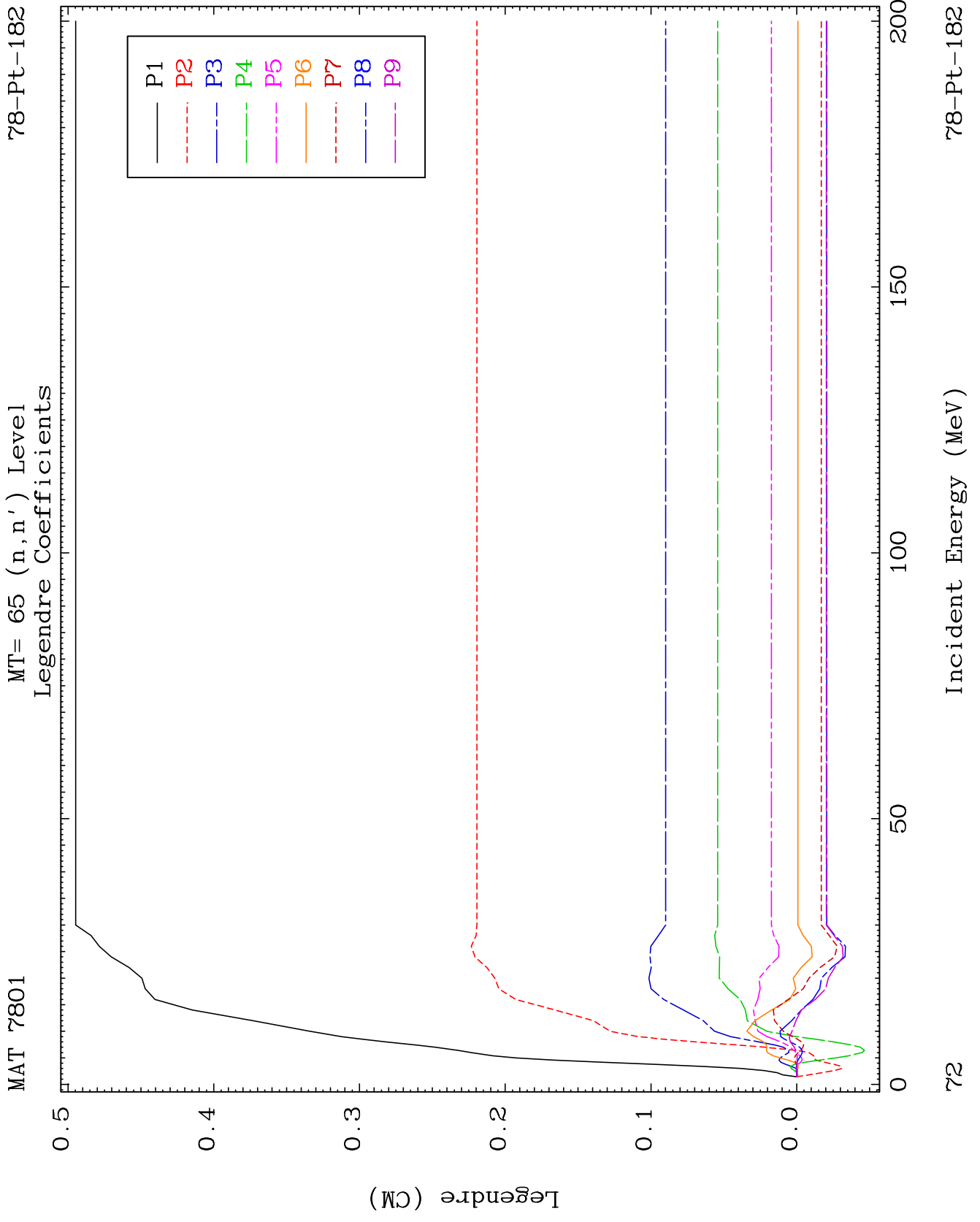


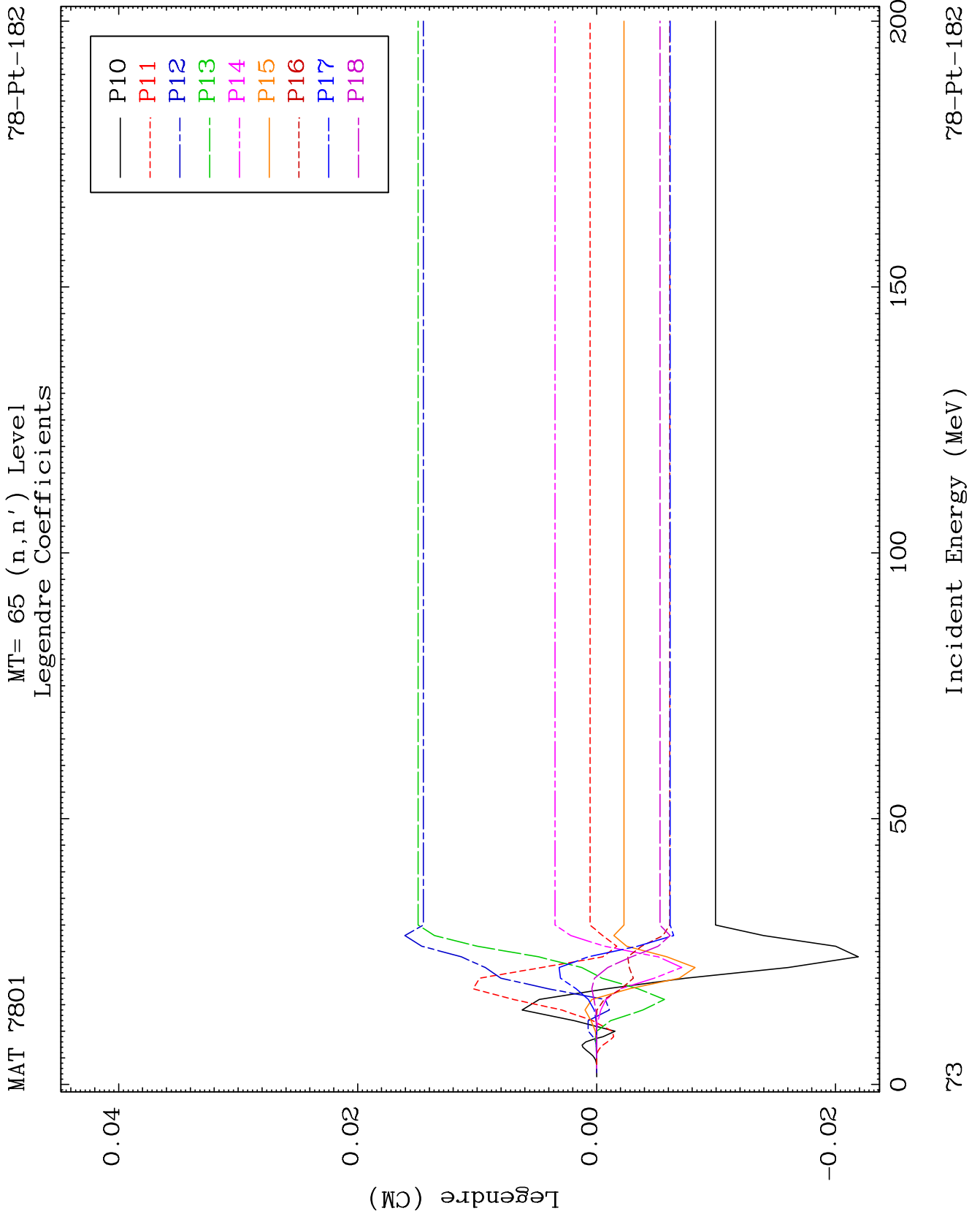
MAT 7801

MT= 64 (n,n') Level
Legendre Coefficients

78-Pt-182



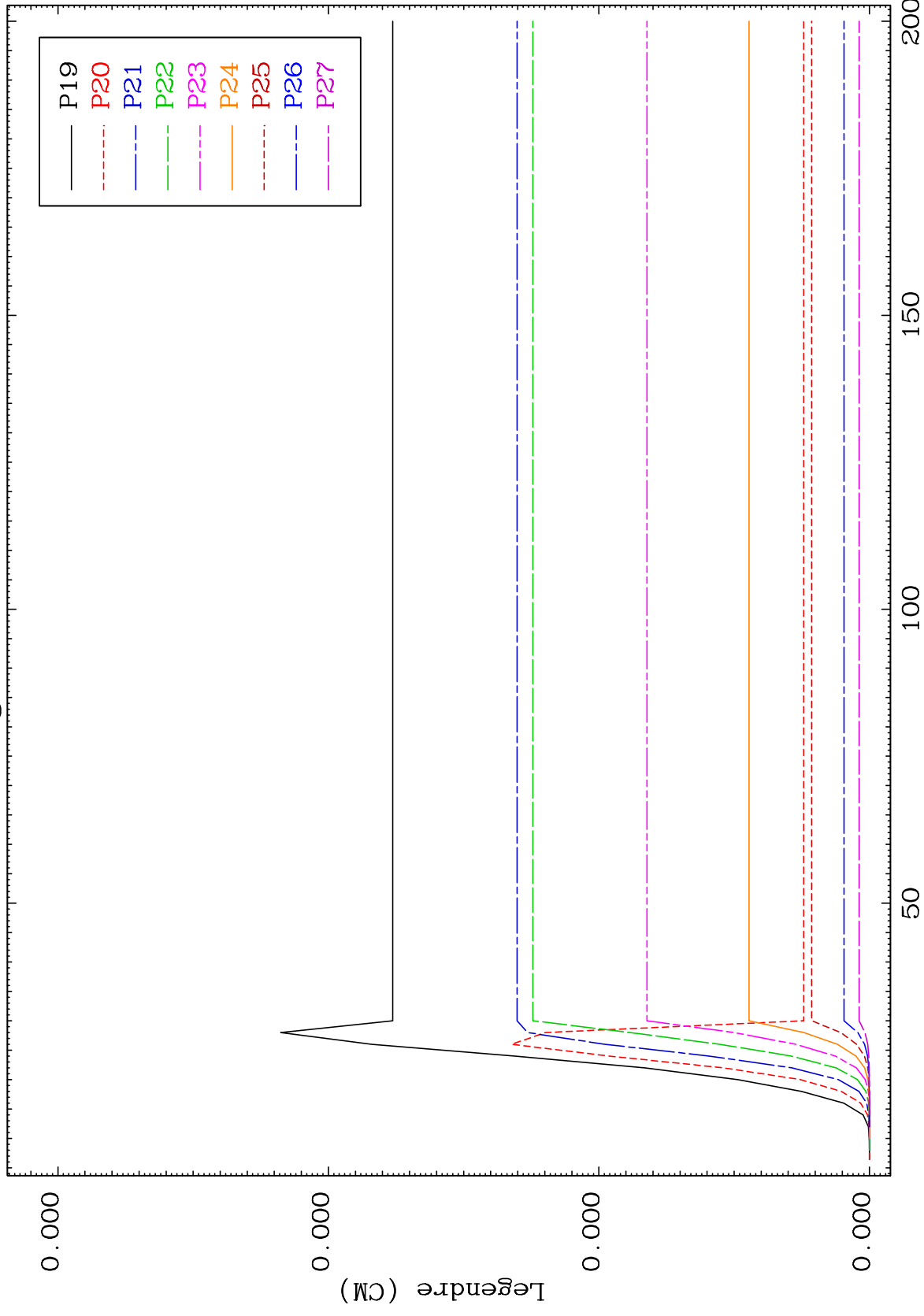




MAT 7801

MT= 65 (n,n') Level
Legendre Coefficients

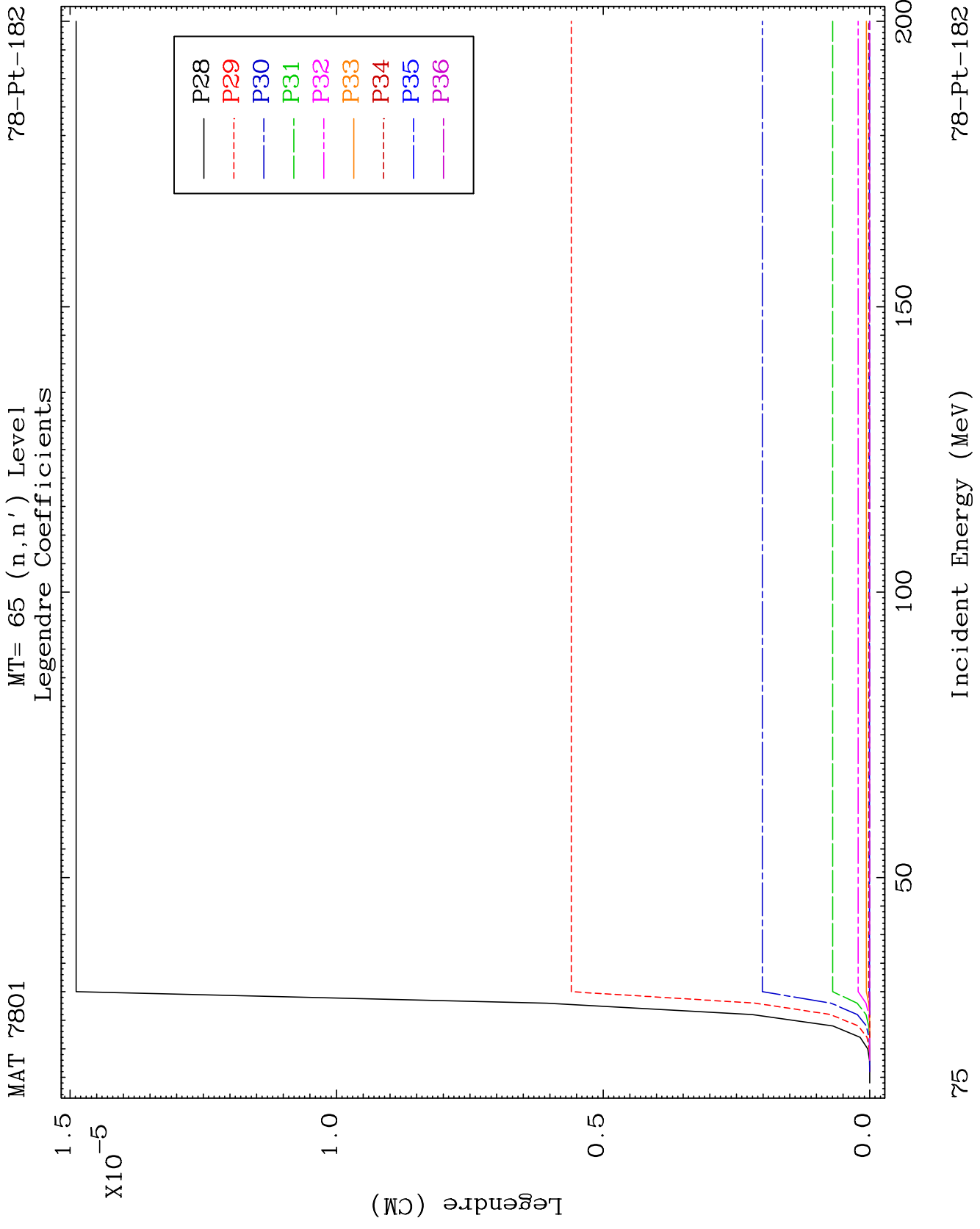
78-Pt-182

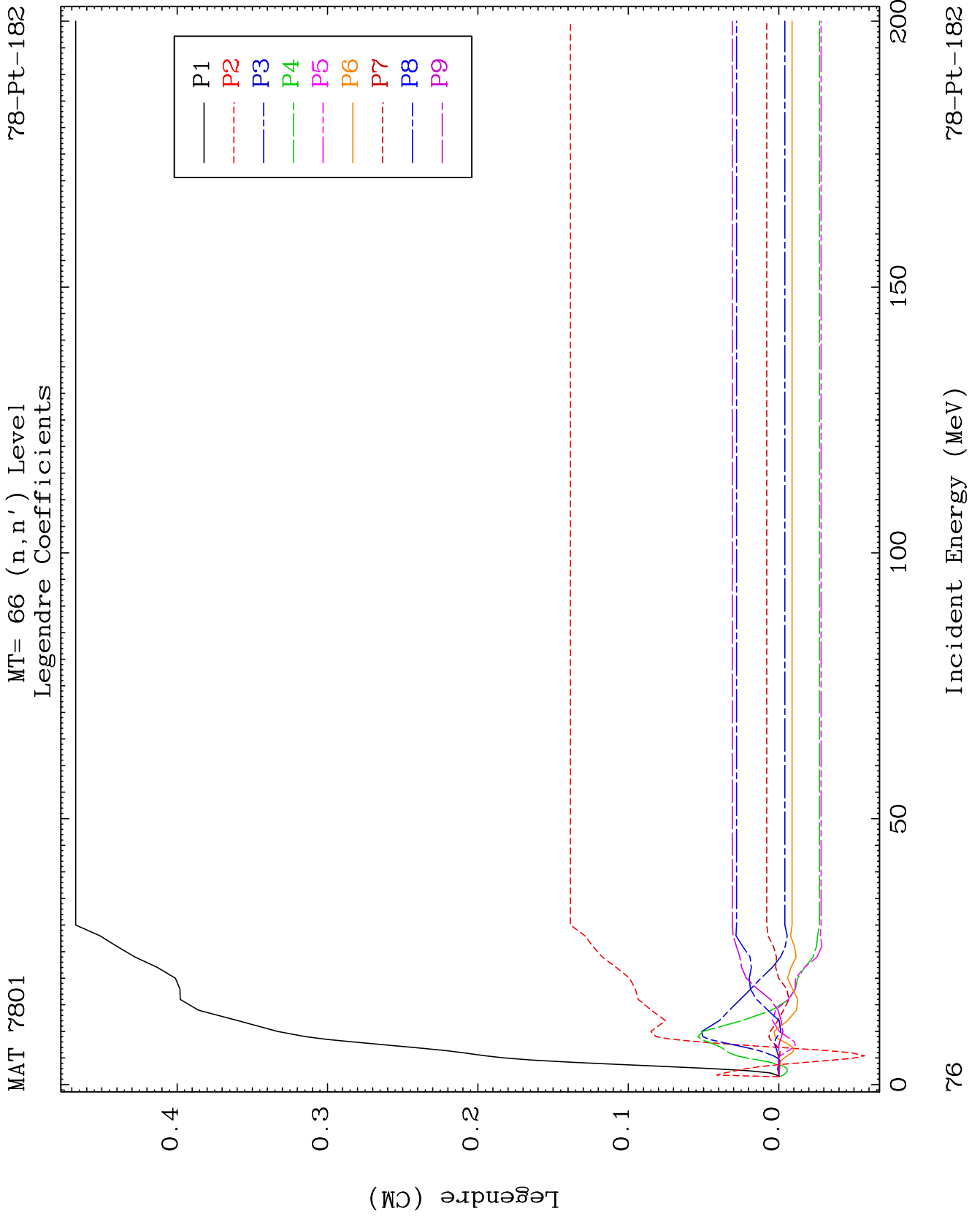


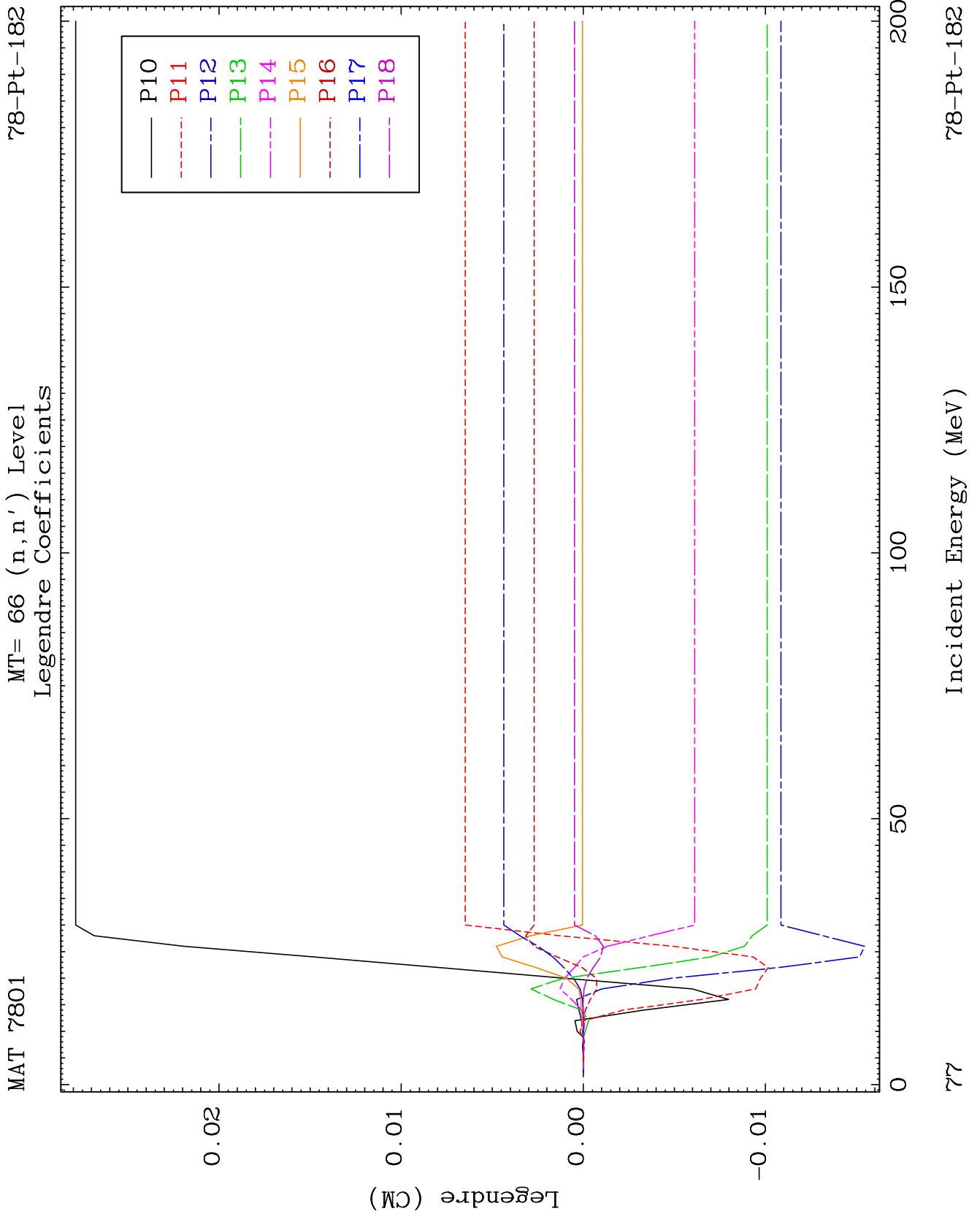
74

Incident Energy (MeV)

78-Pt-182



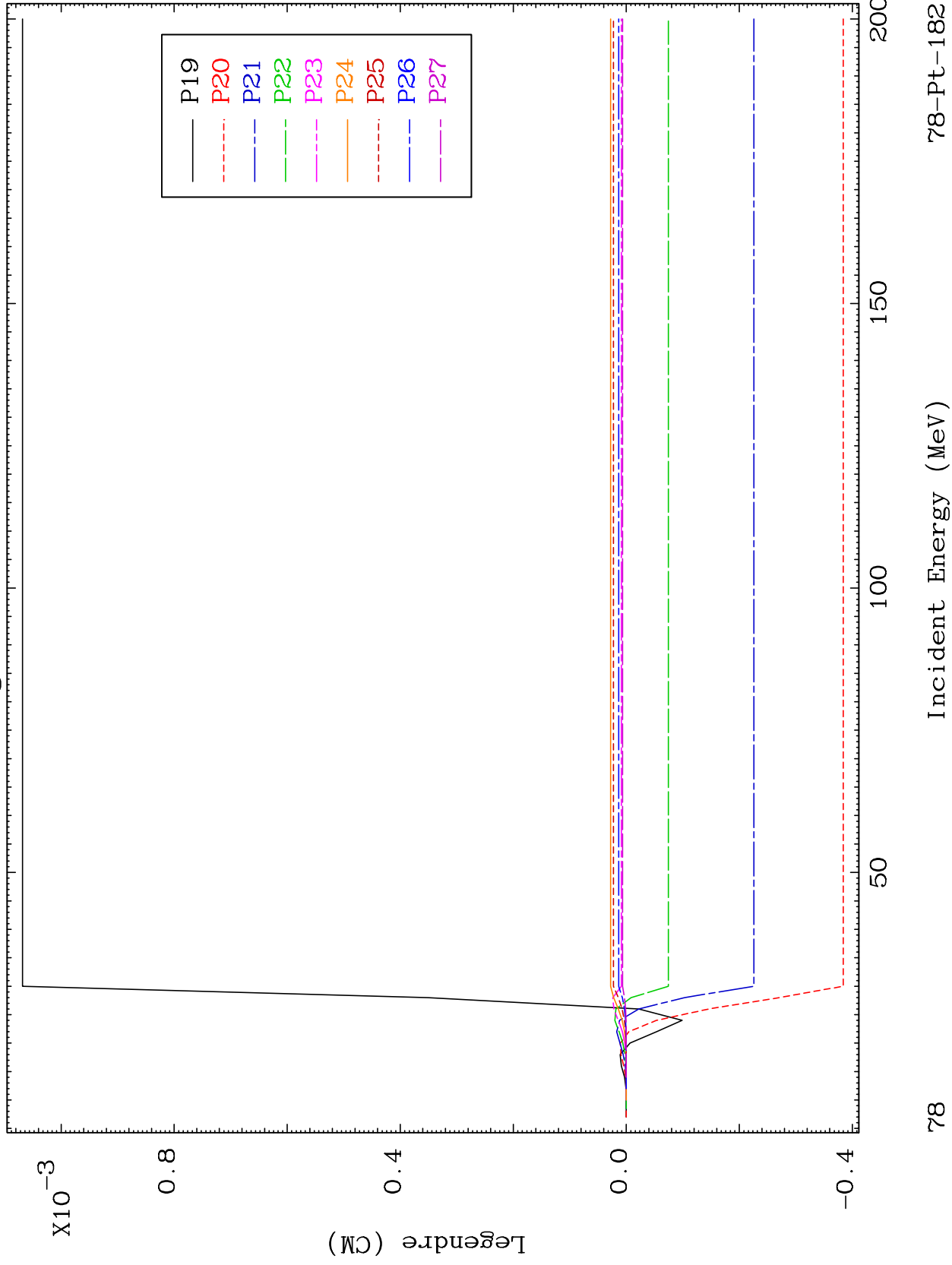




MAT 7801

MT= 66 (n,n') Level
Legendre Coefficients

78-Pt-182



78

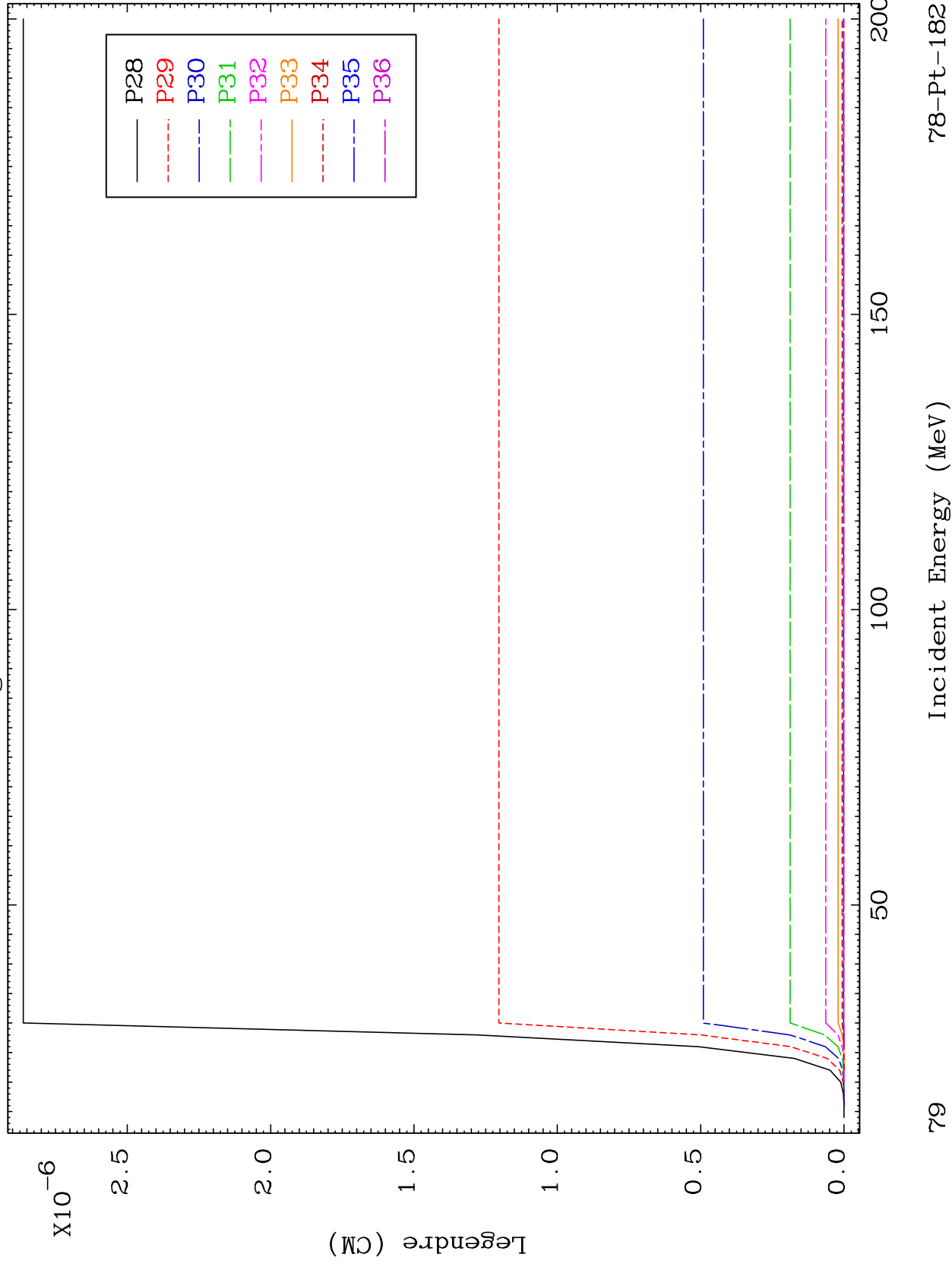
Incident Energy (MeV)

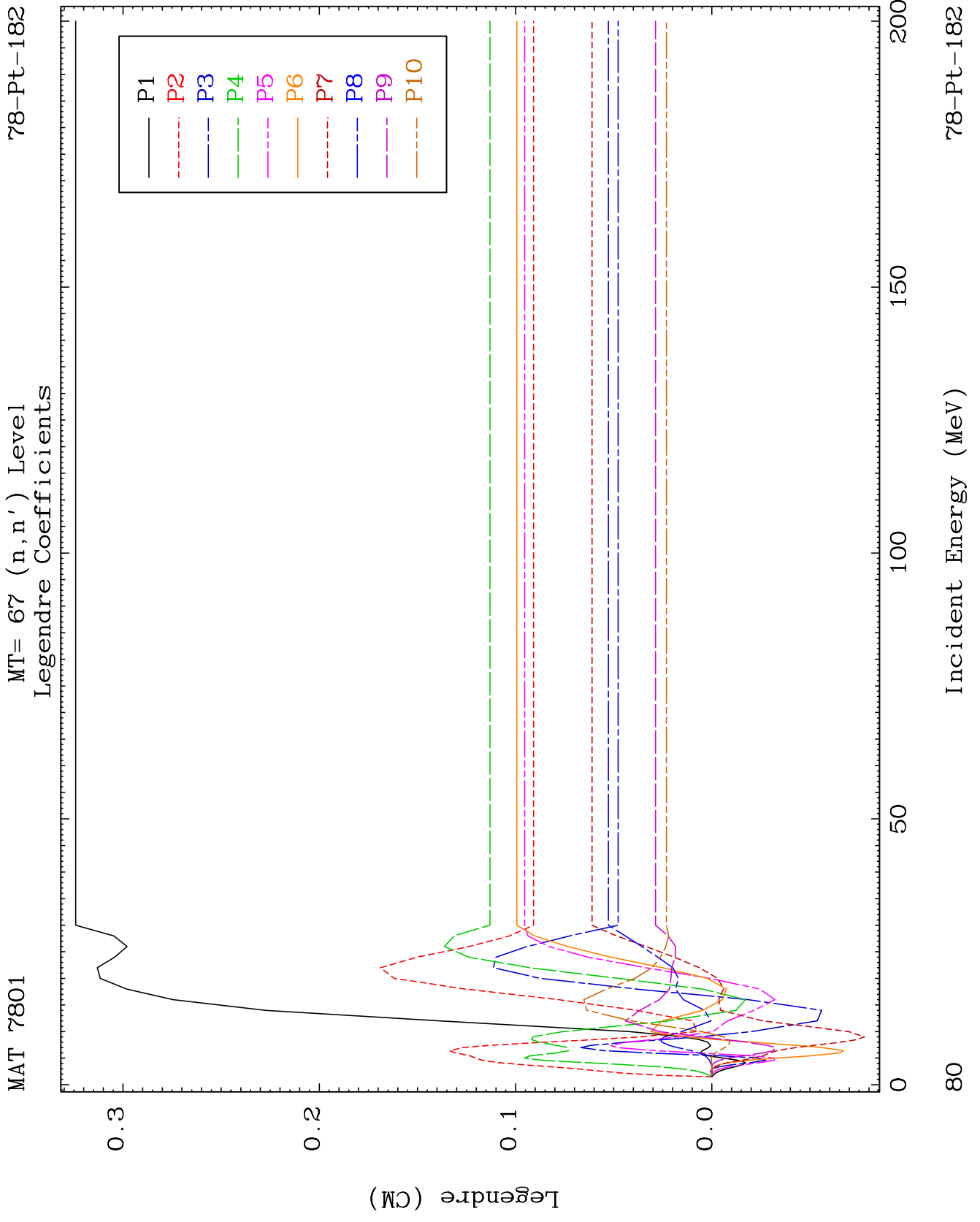
78-Pt-182

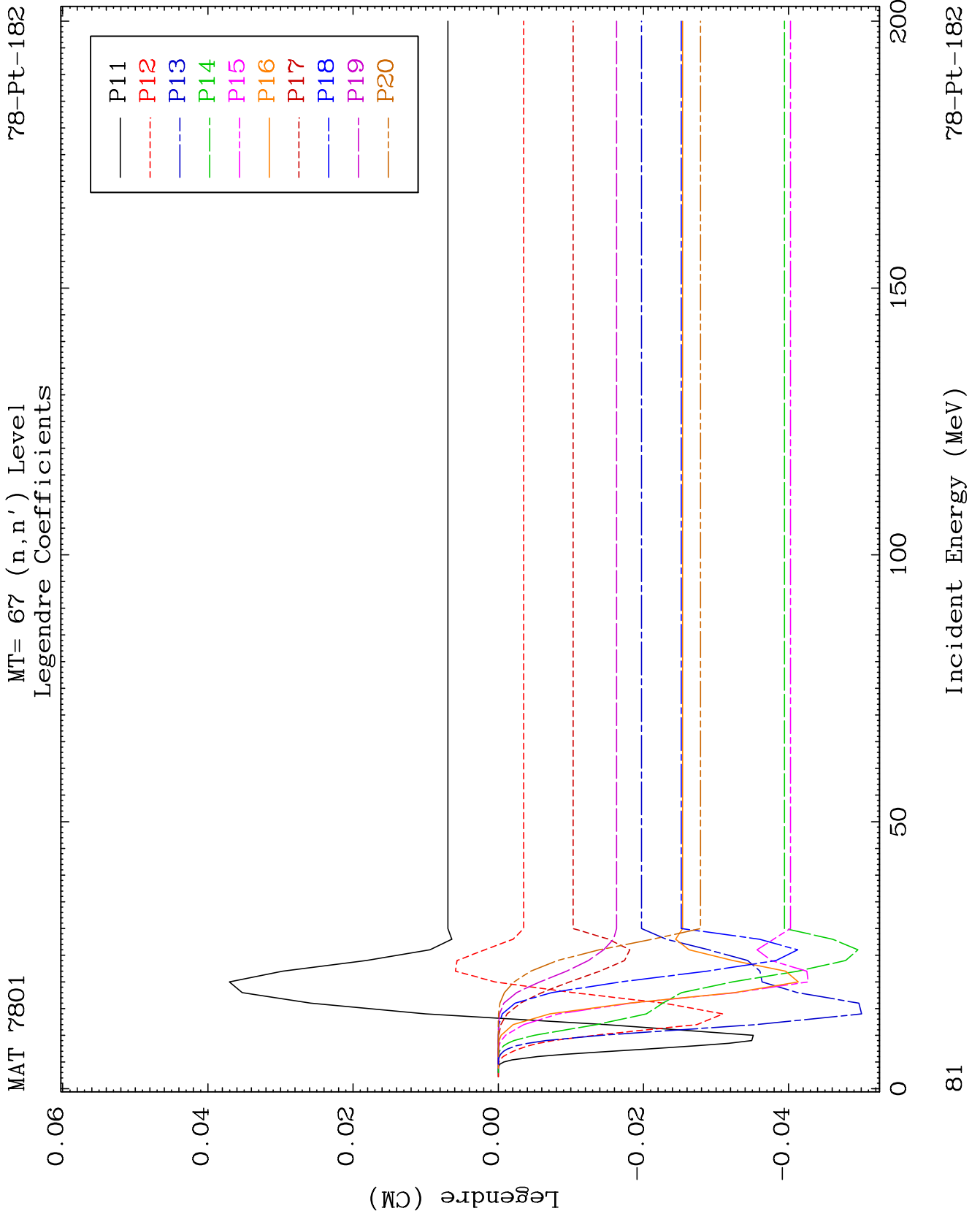
MAT 7801

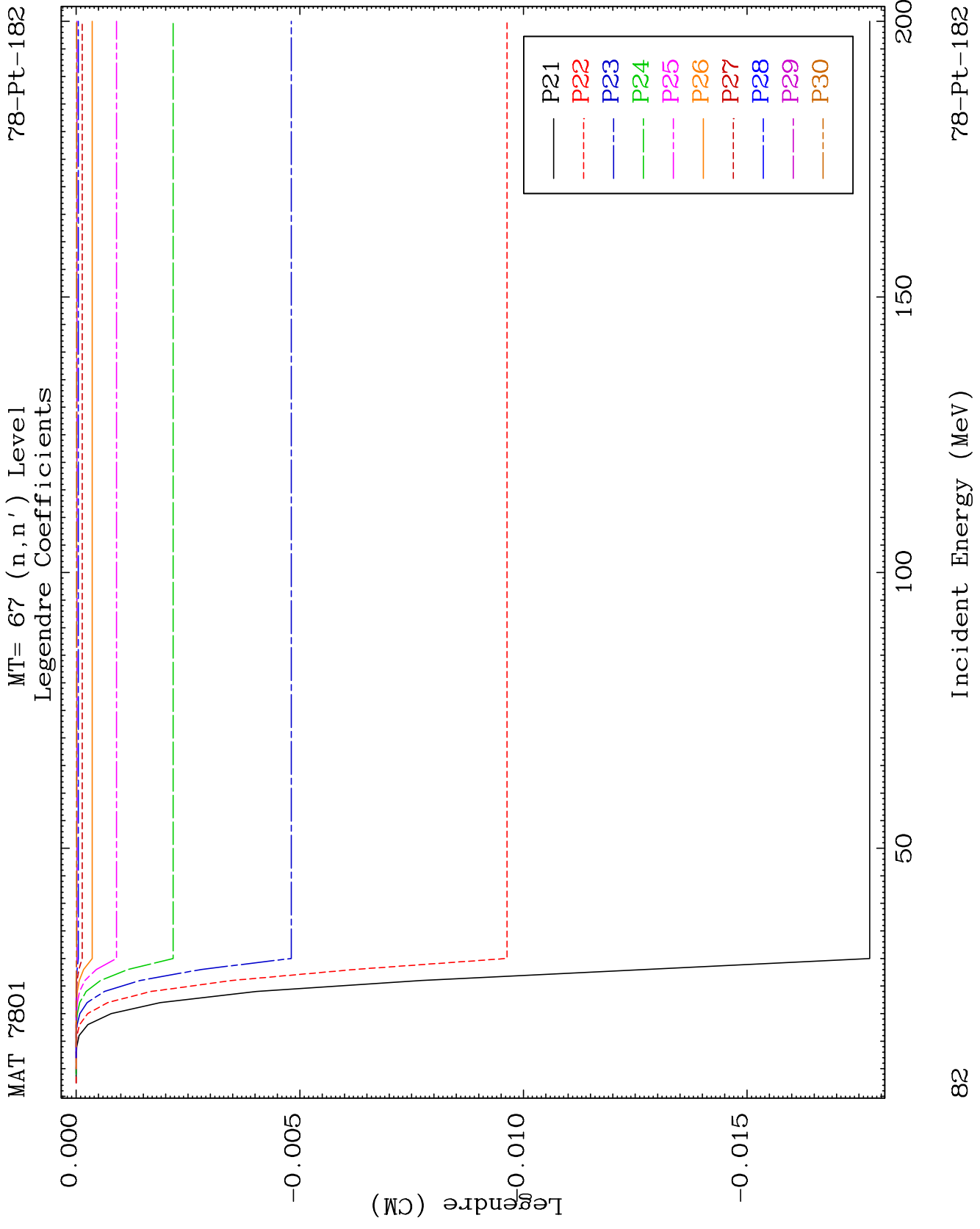
MT= 66 (n,n') Level
Legendre Coefficients

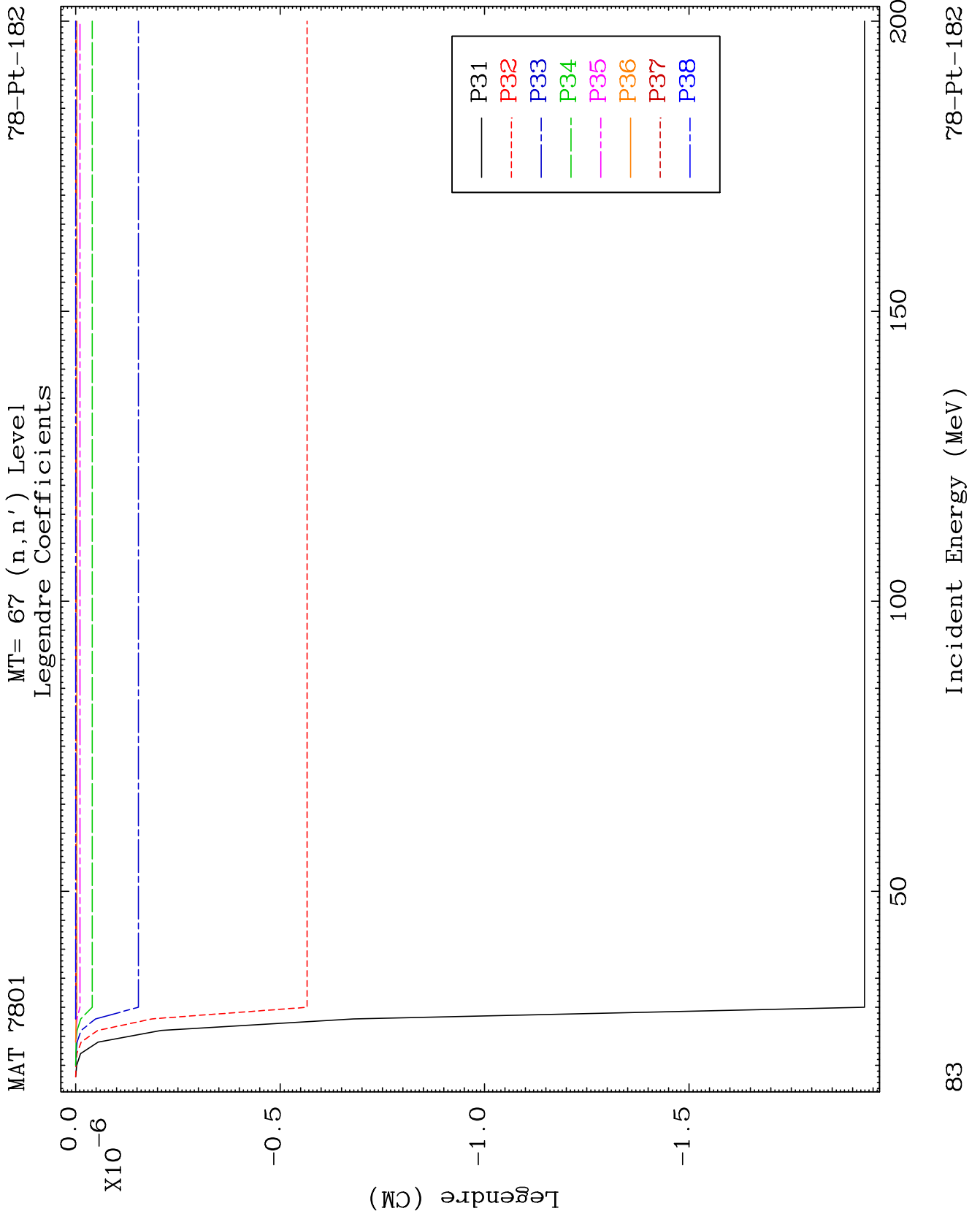
78-Pt-182

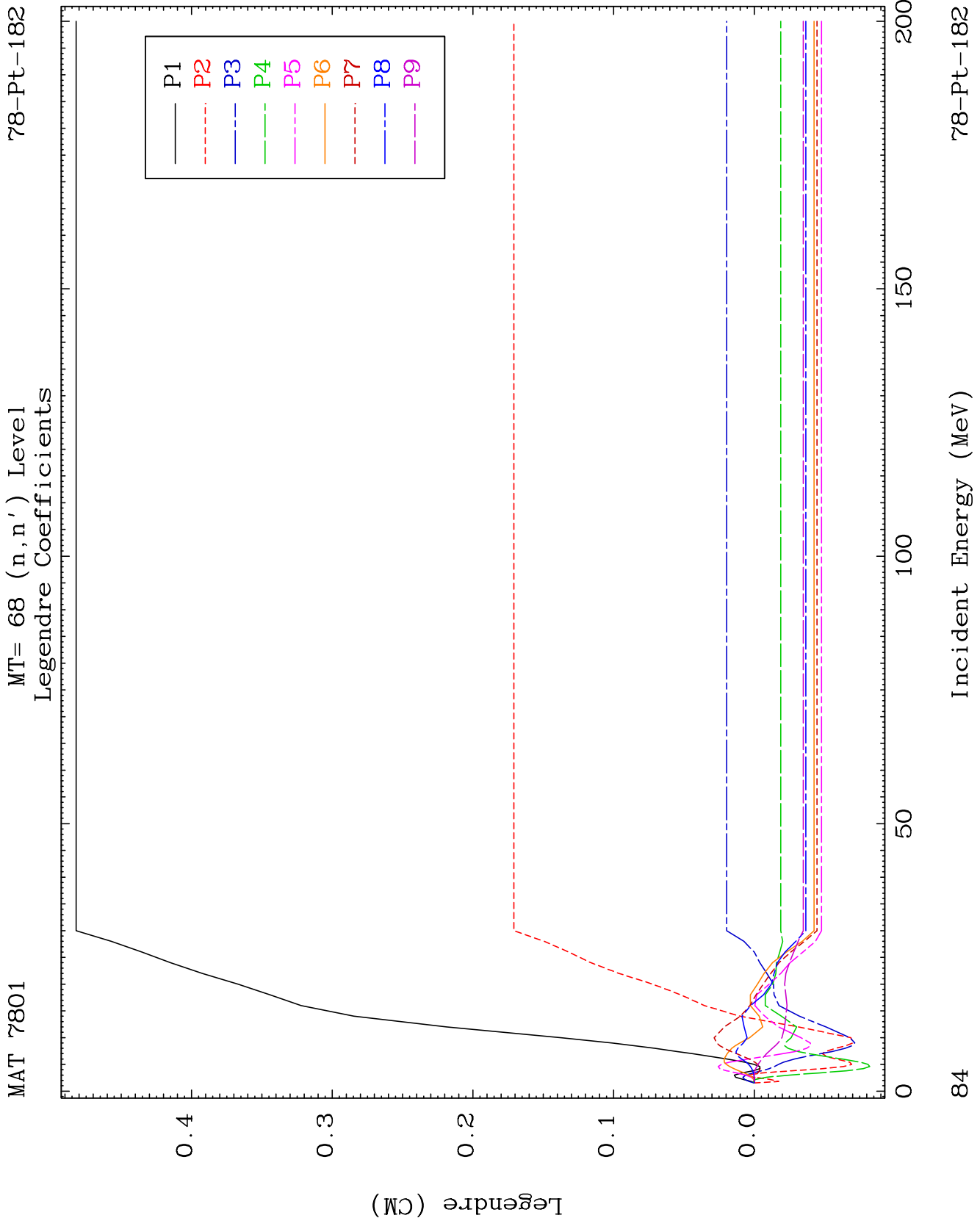








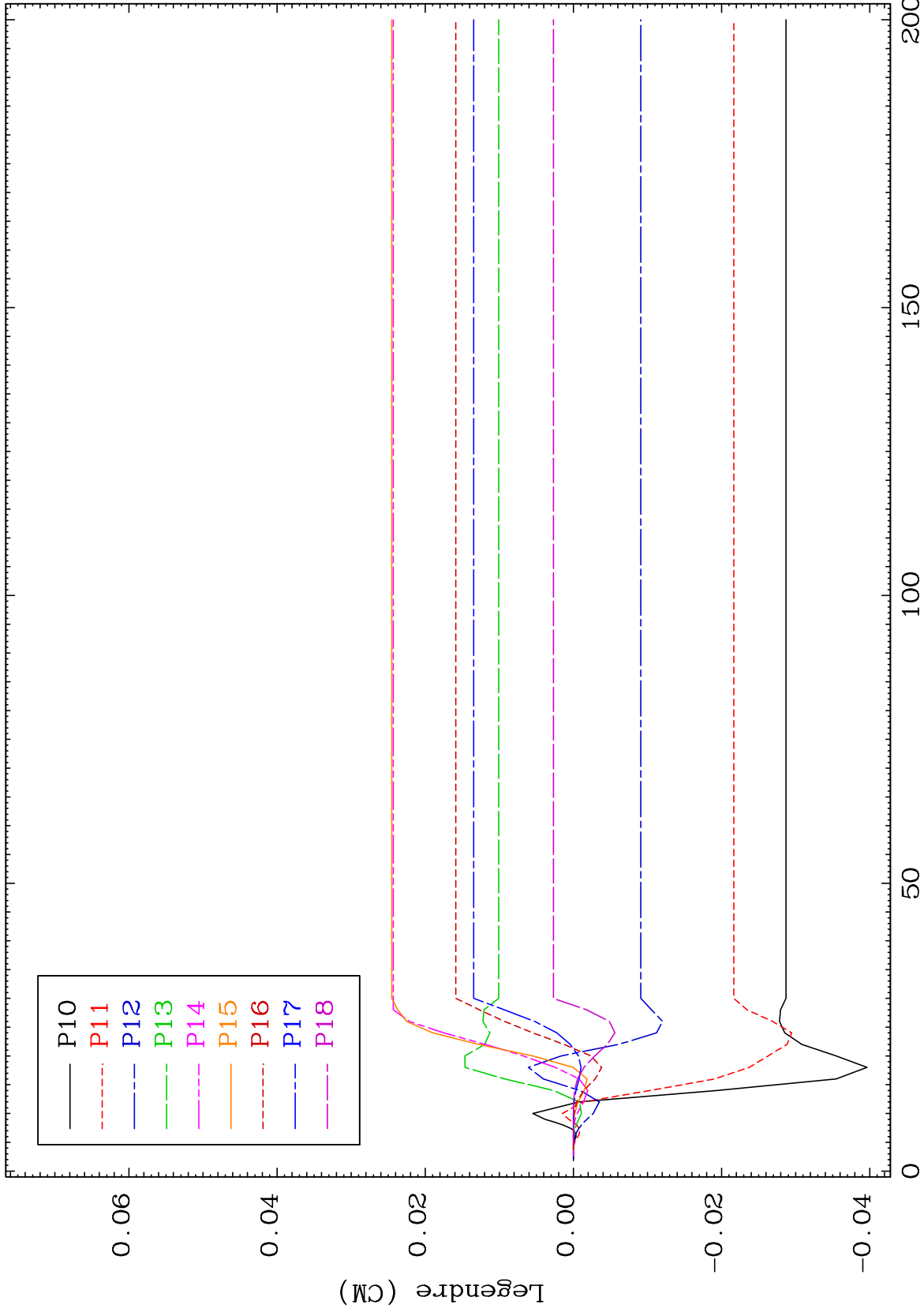




MAT 7801

MT= 68 (n,n') Level
Legendre Coefficients

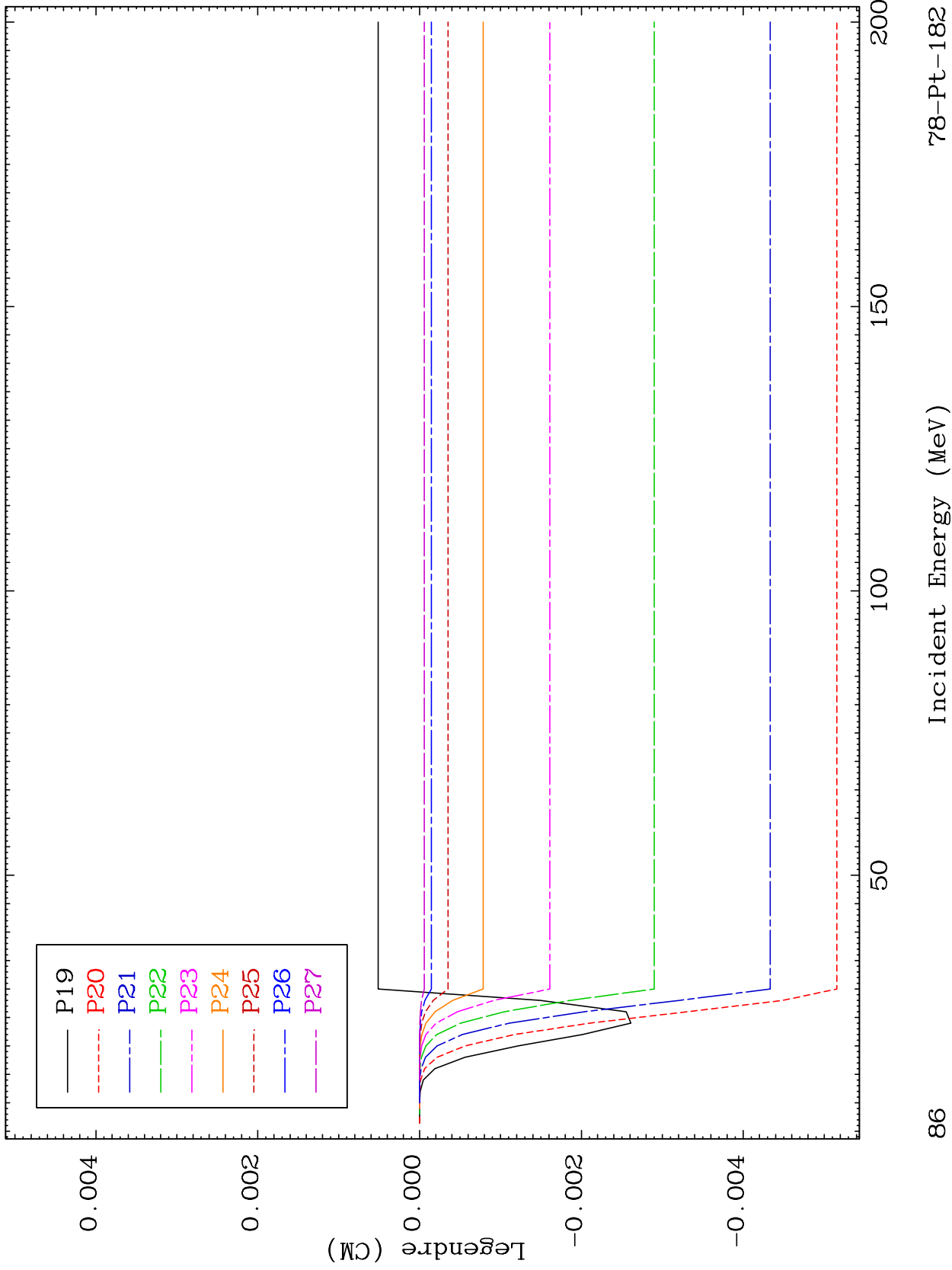
78-Pt-182

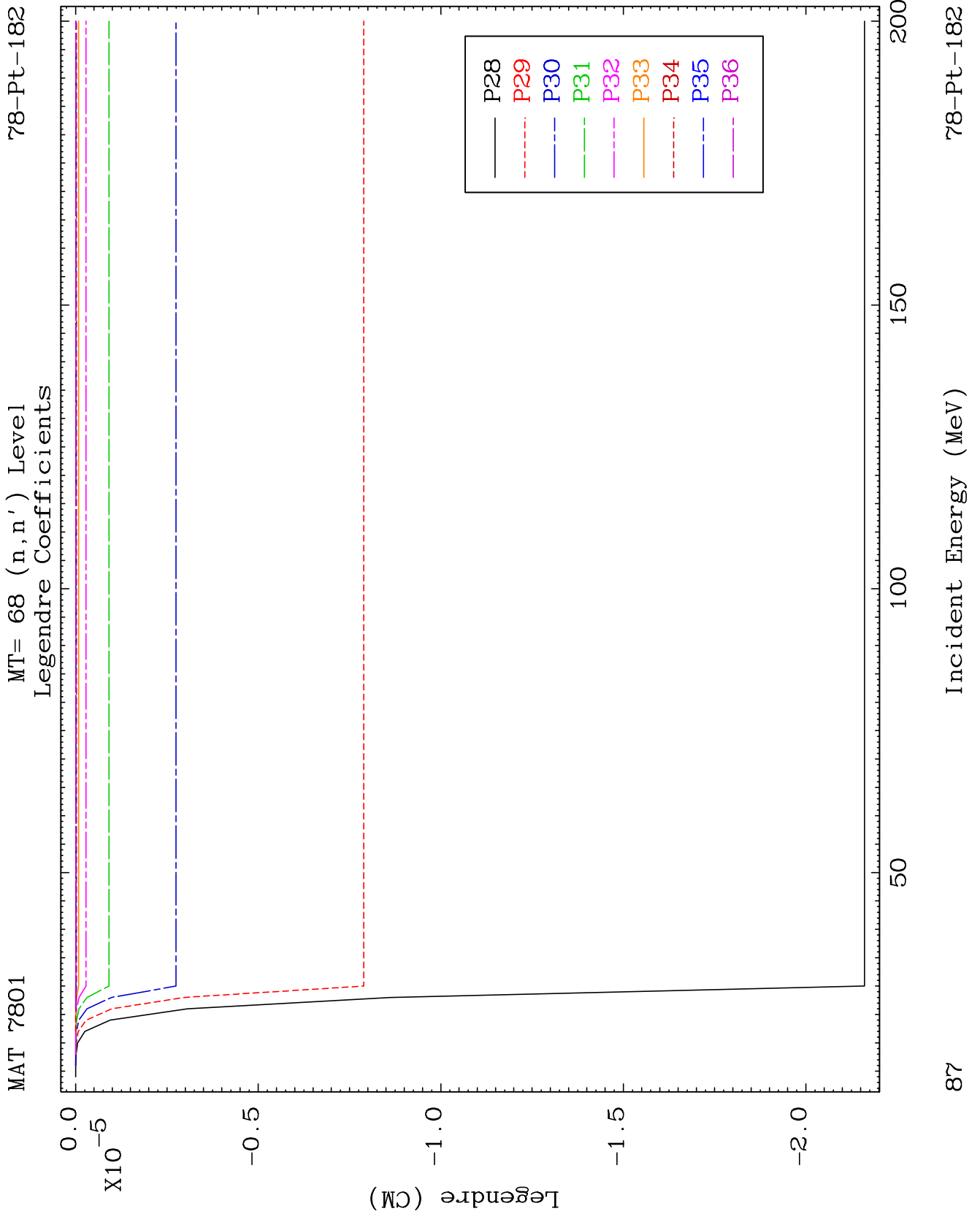


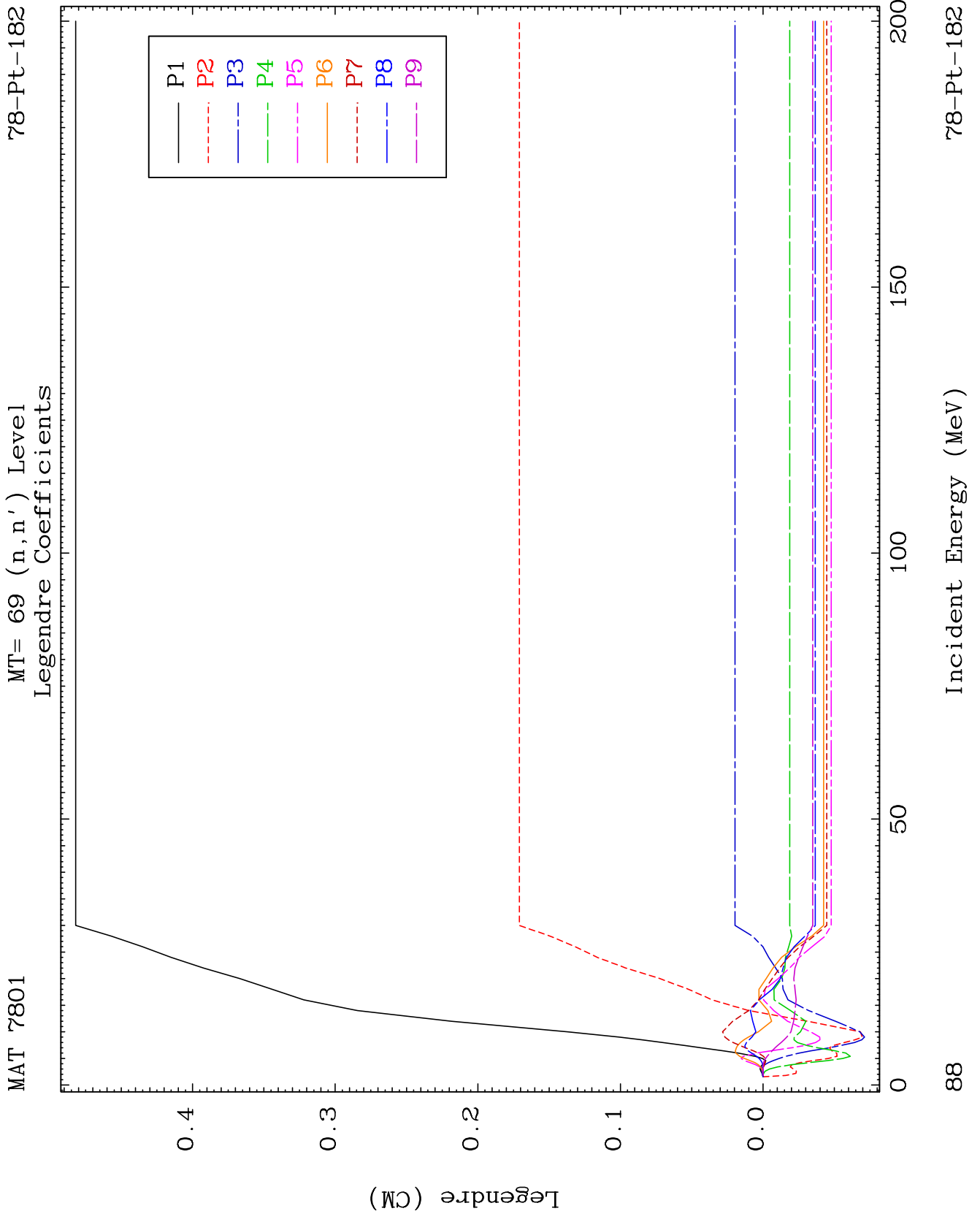
Incident Energy (MeV)

78-Pt-182

85



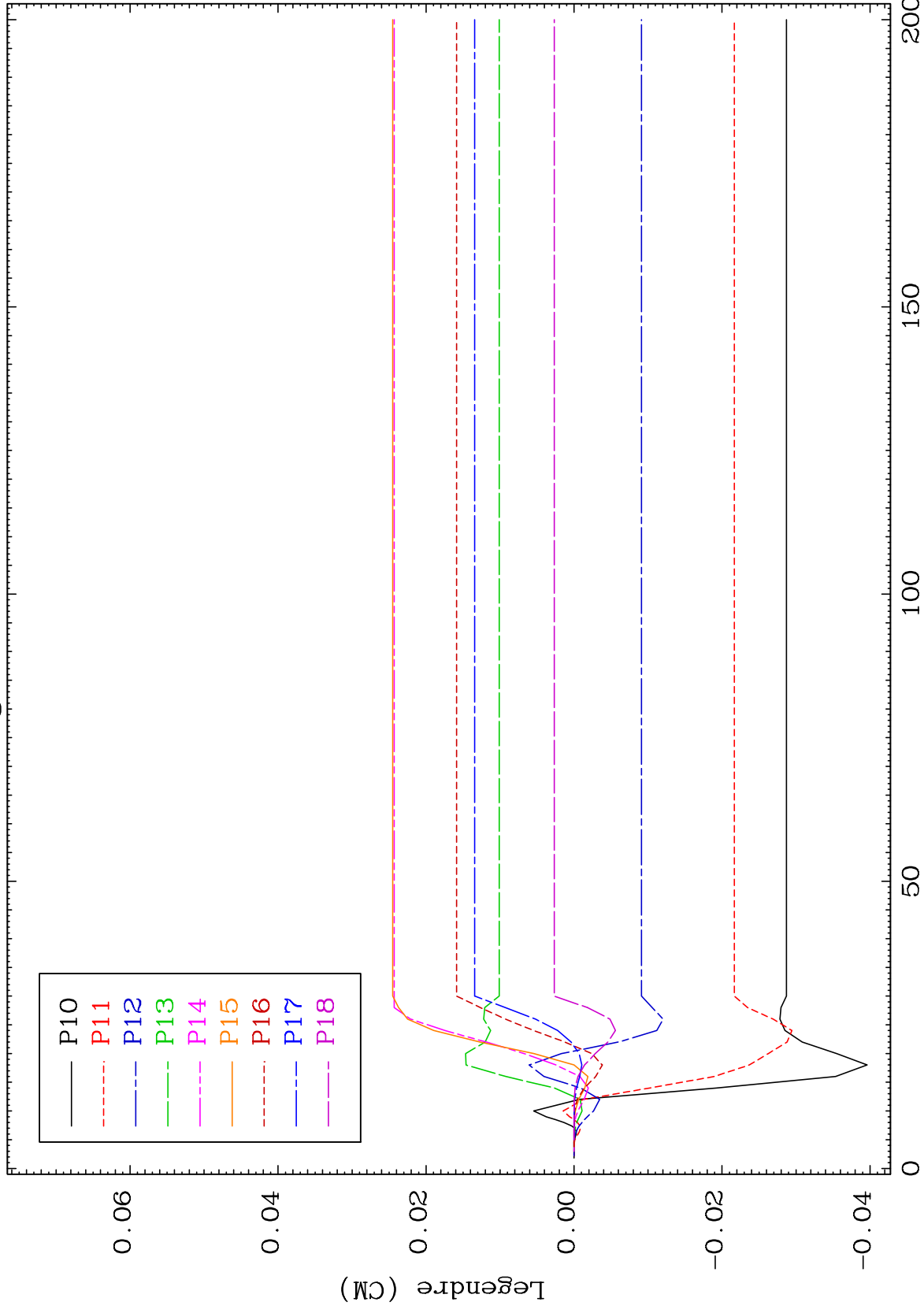




MAT 7801

MT= 69 (n,n') Level
Legendre Coefficients

78-Pt-182



89

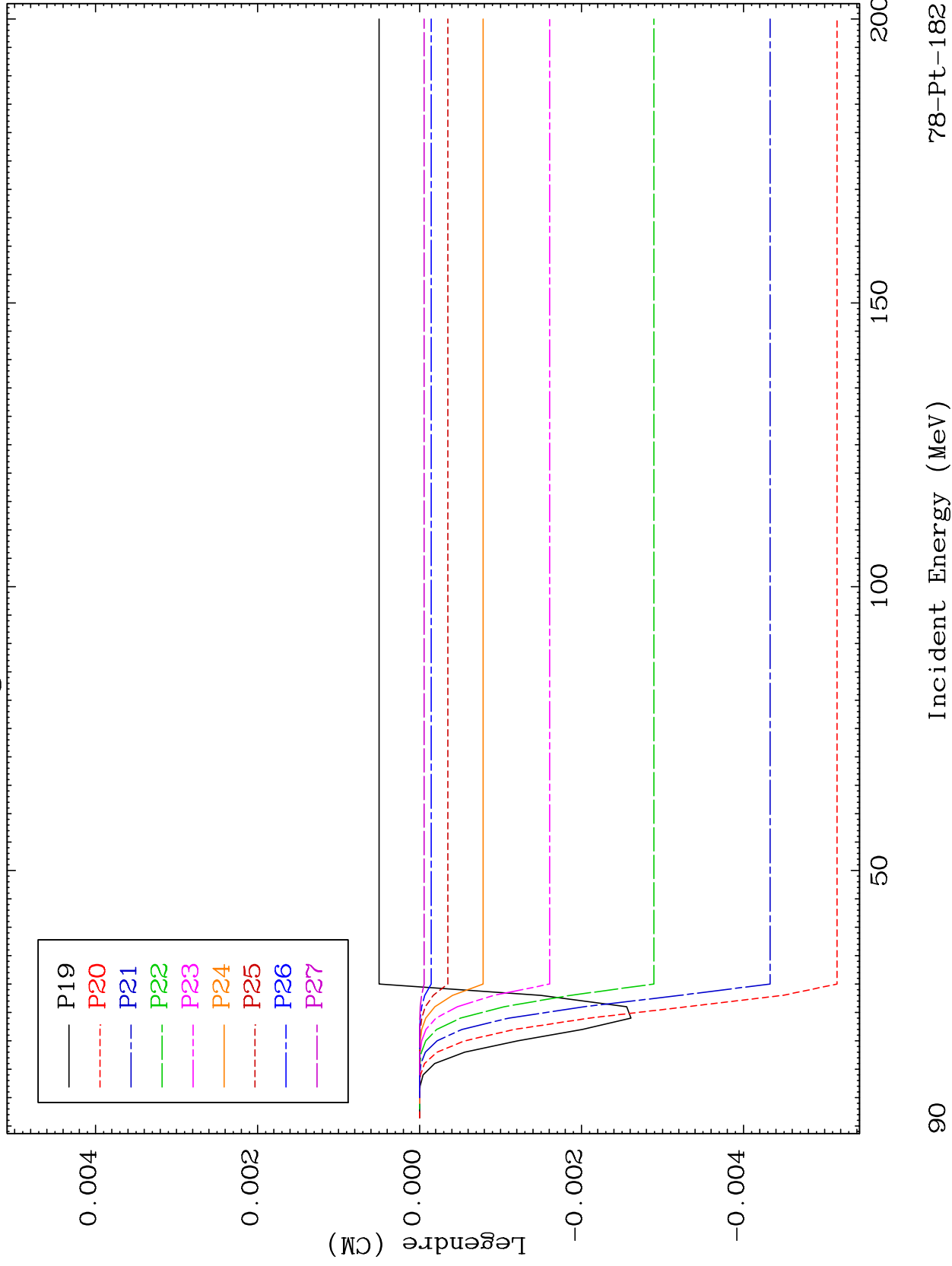
Incident Energy (MeV)

78-Pt-182

MAT 7801

MT= 69 (n,n') Level
Legendre Coefficients

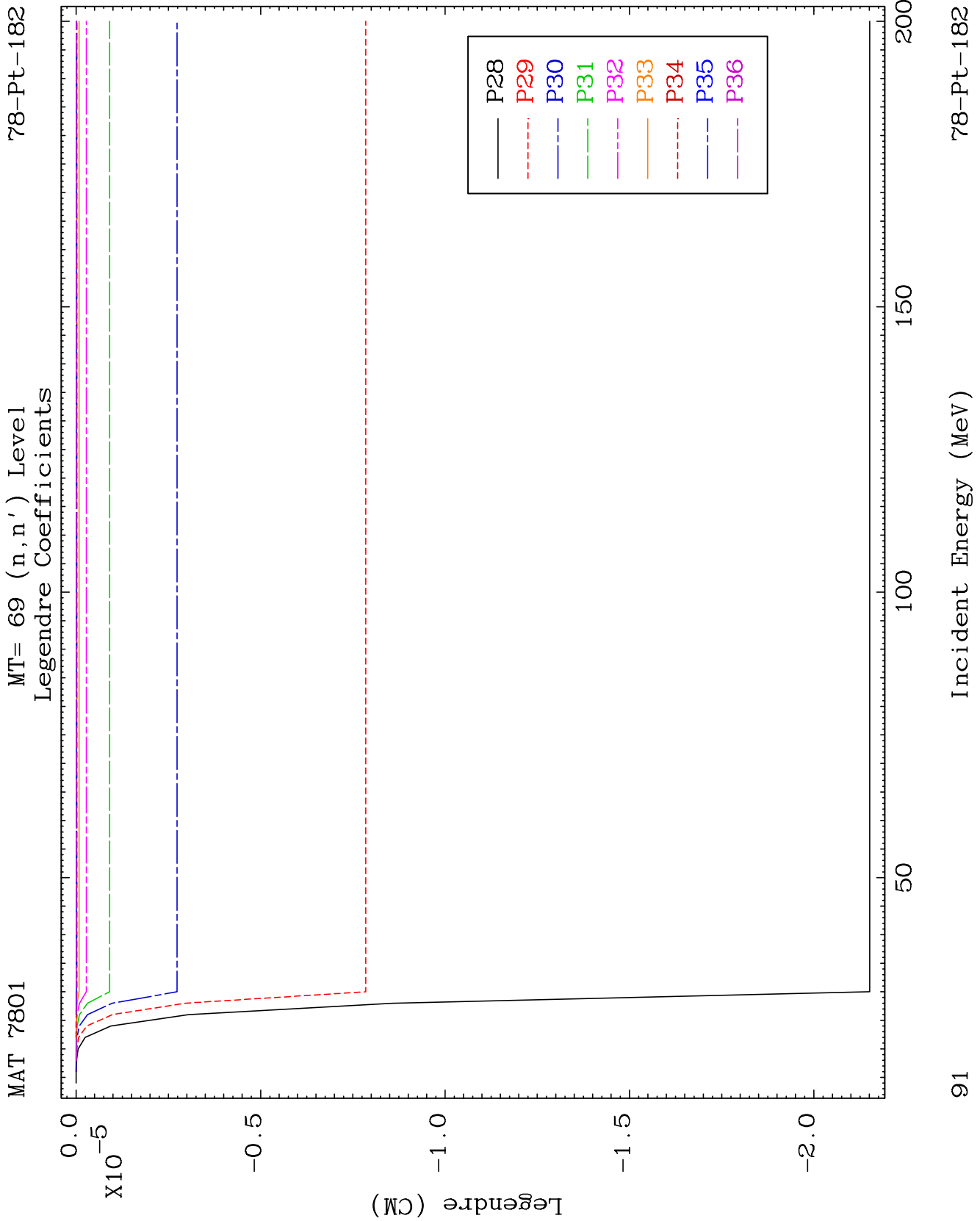
78-Pt-182

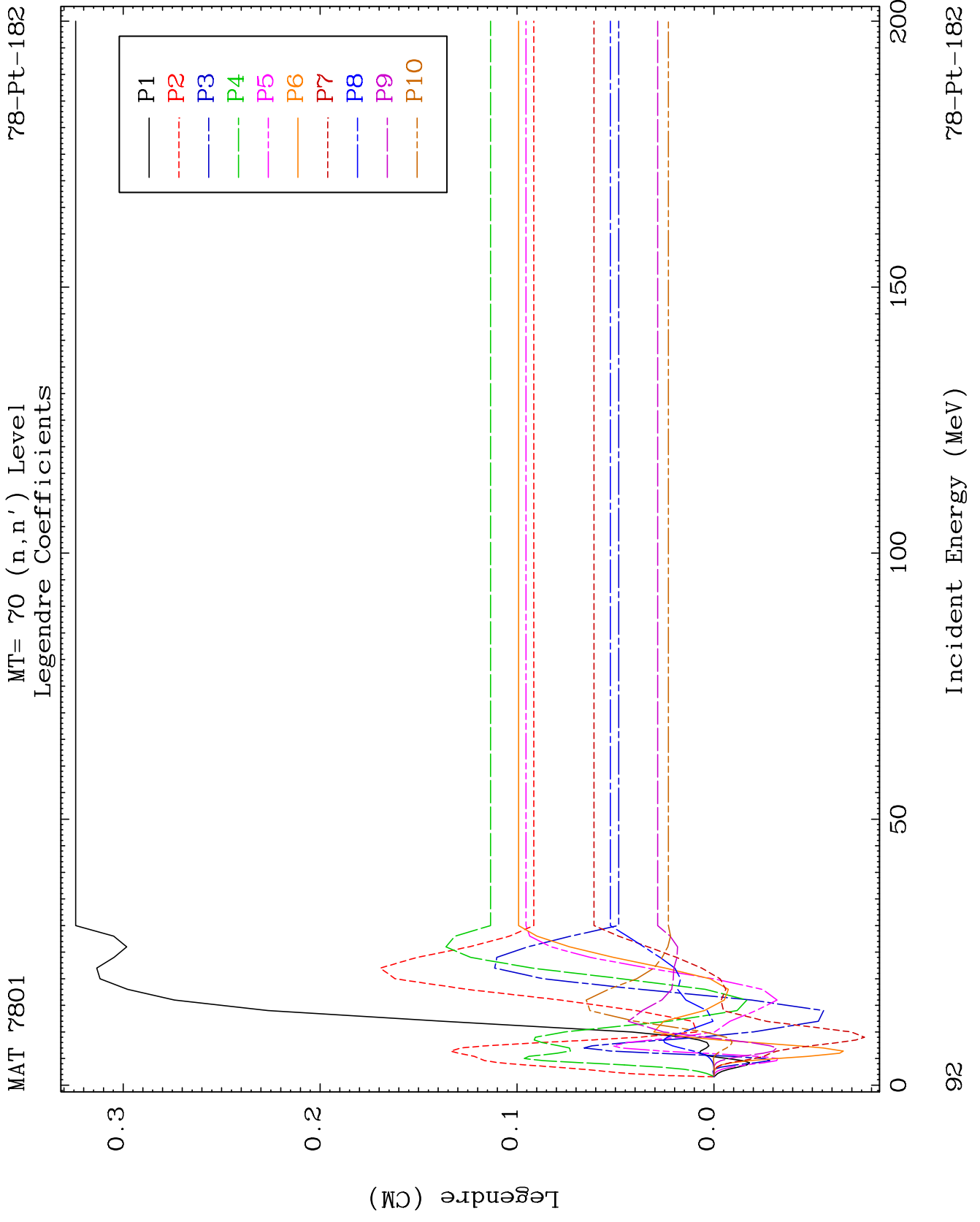


90

Incident Energy (MeV)

78-Pt-182

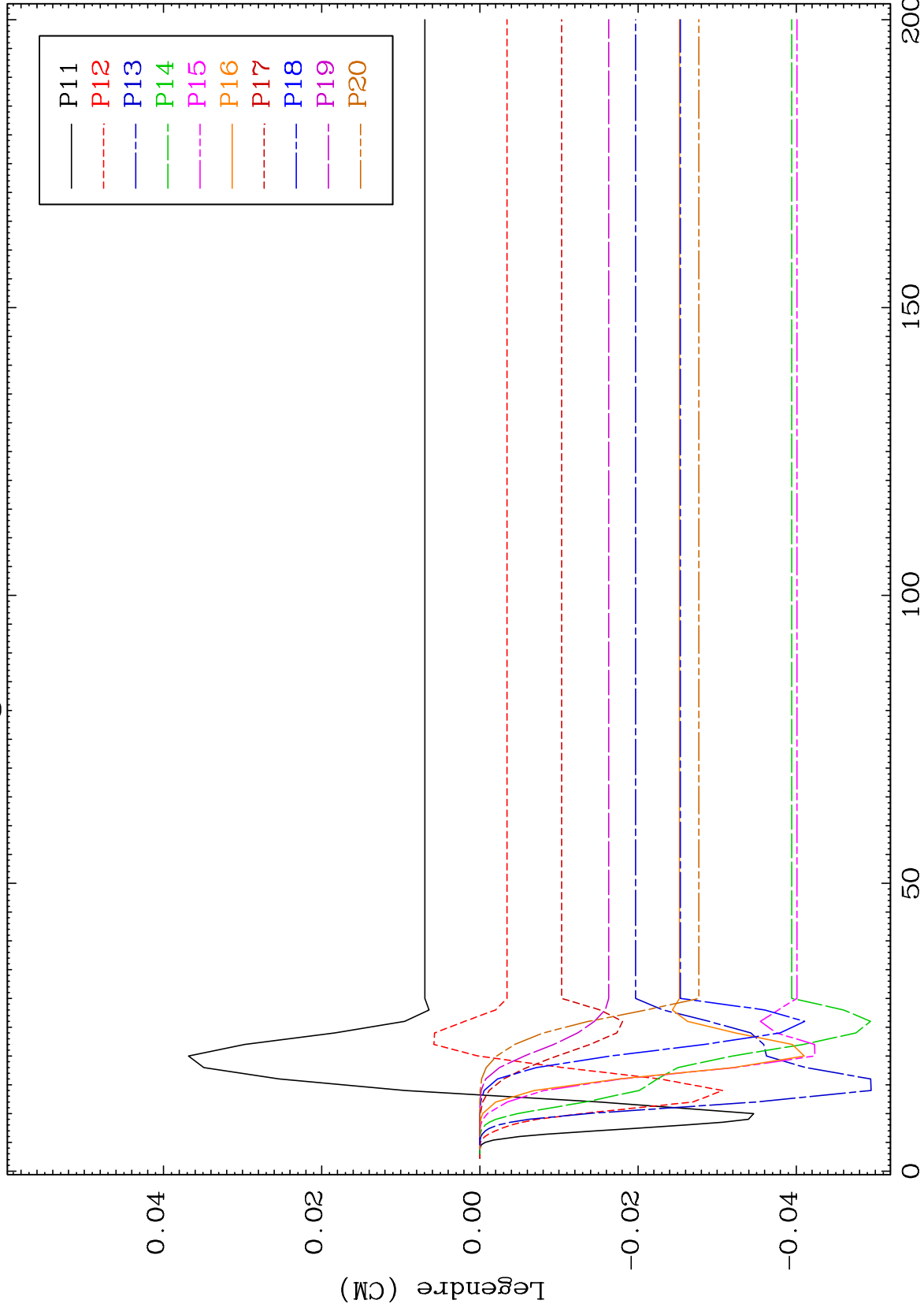




MAT 7801

MT= 70 (n,n') Level
Legendre Coefficients

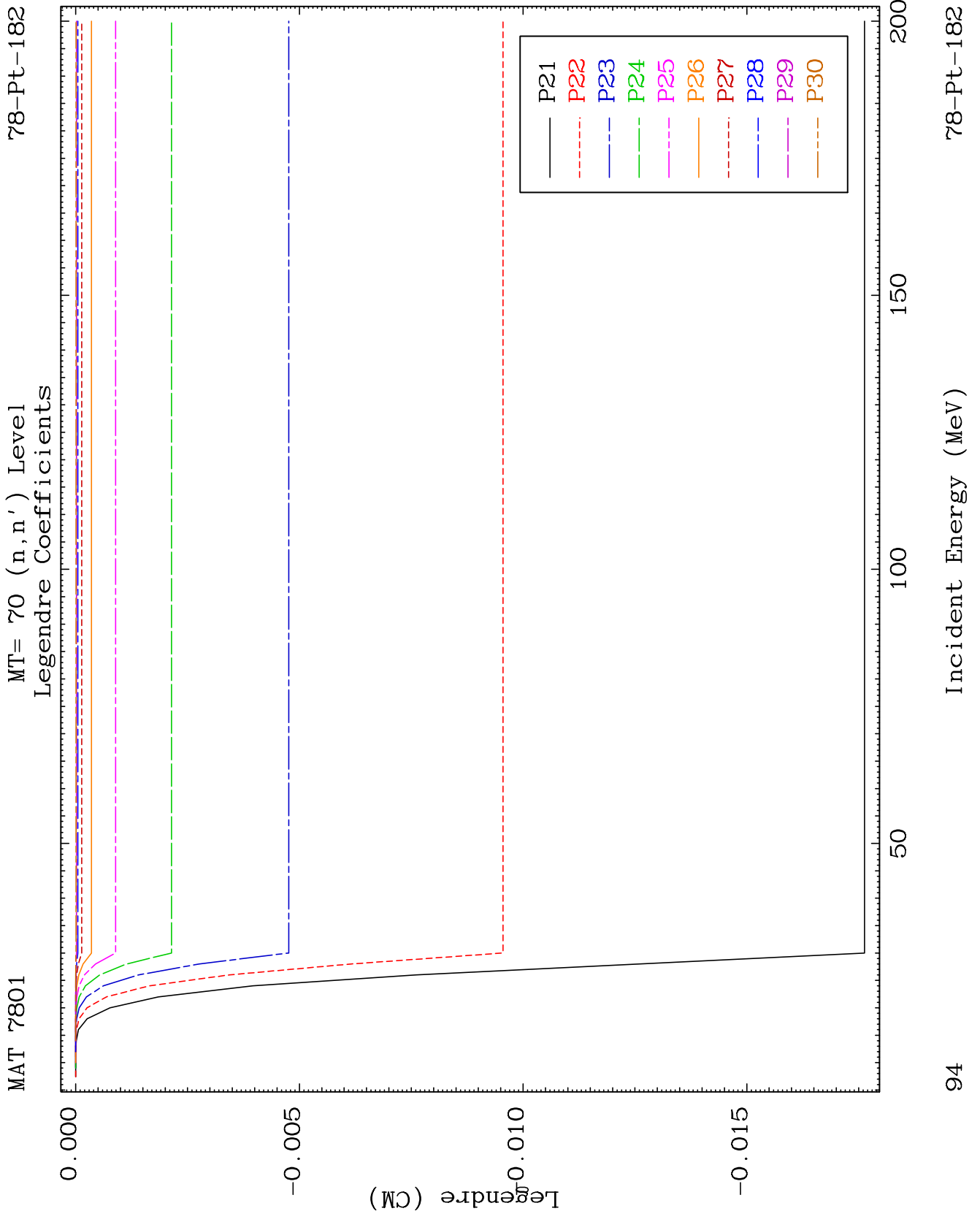
78-Pt-182

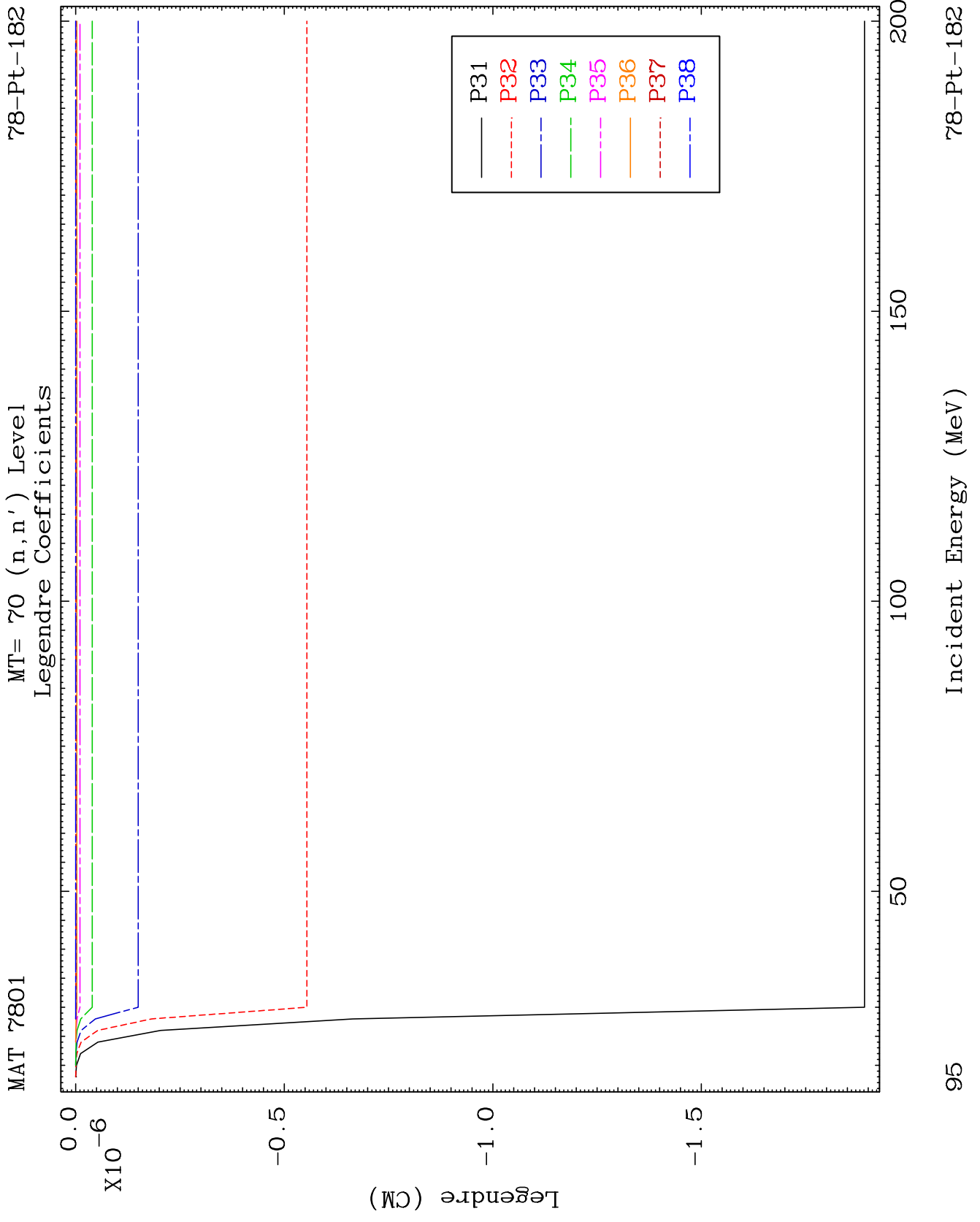


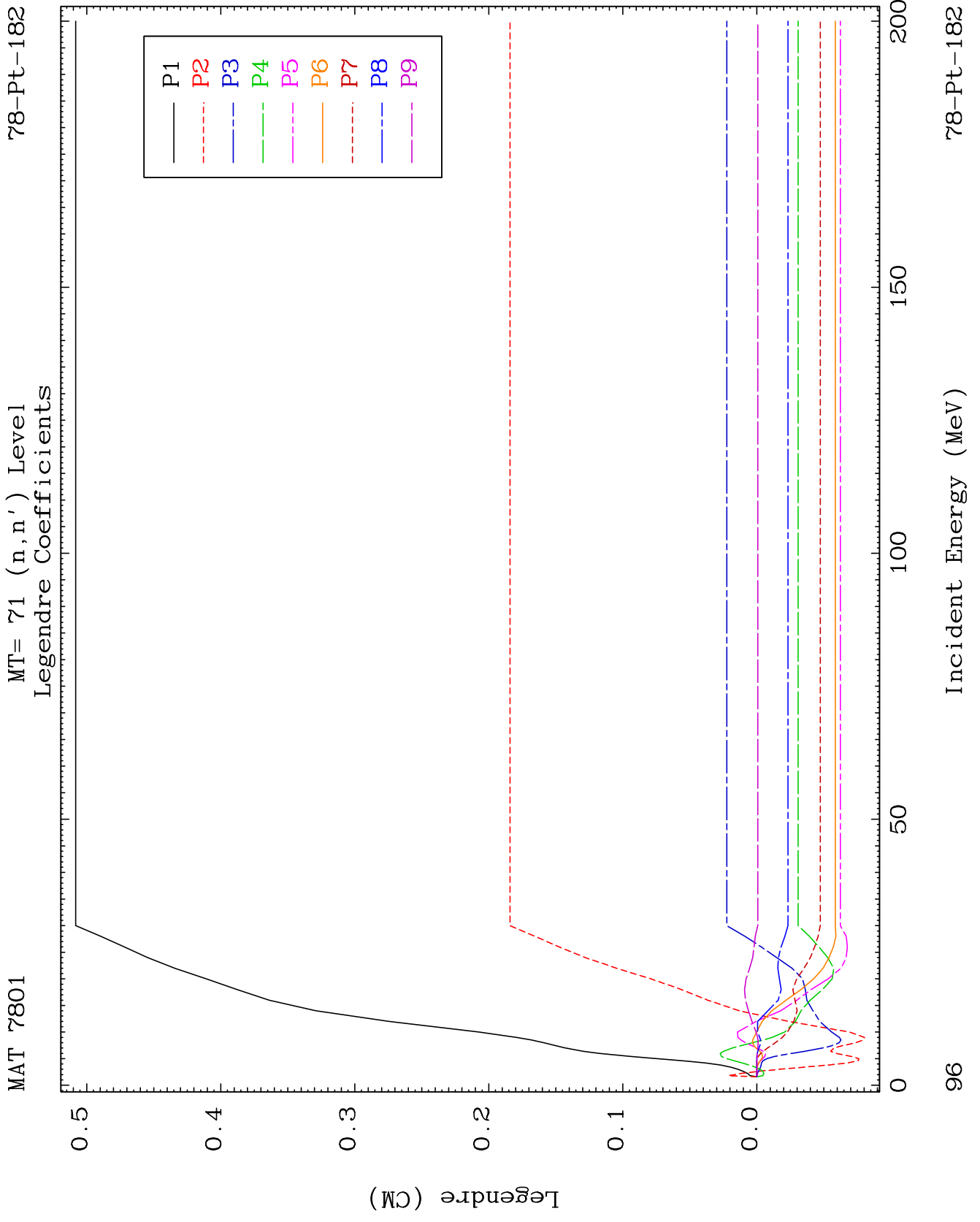
93

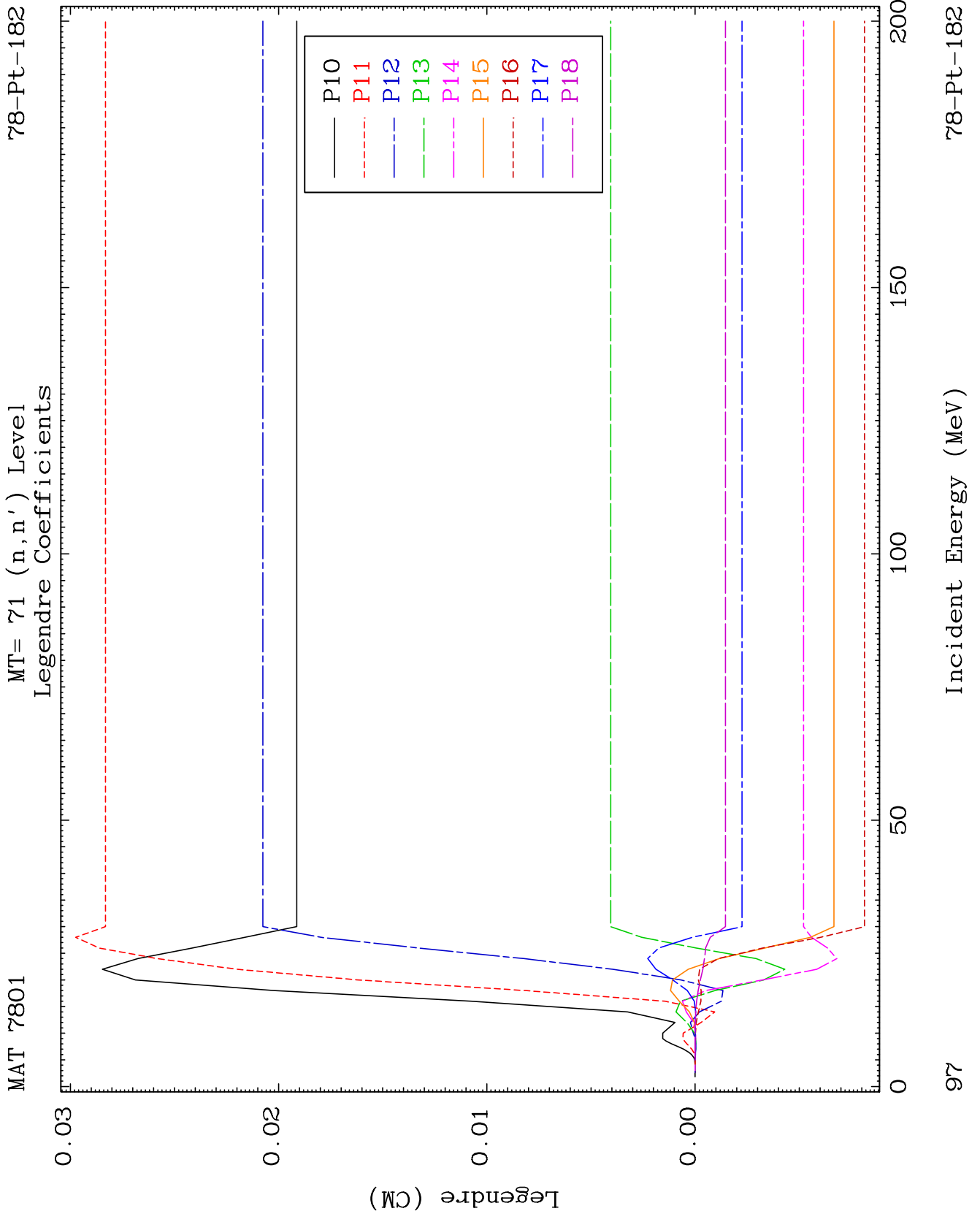
Incident Energy (MeV)

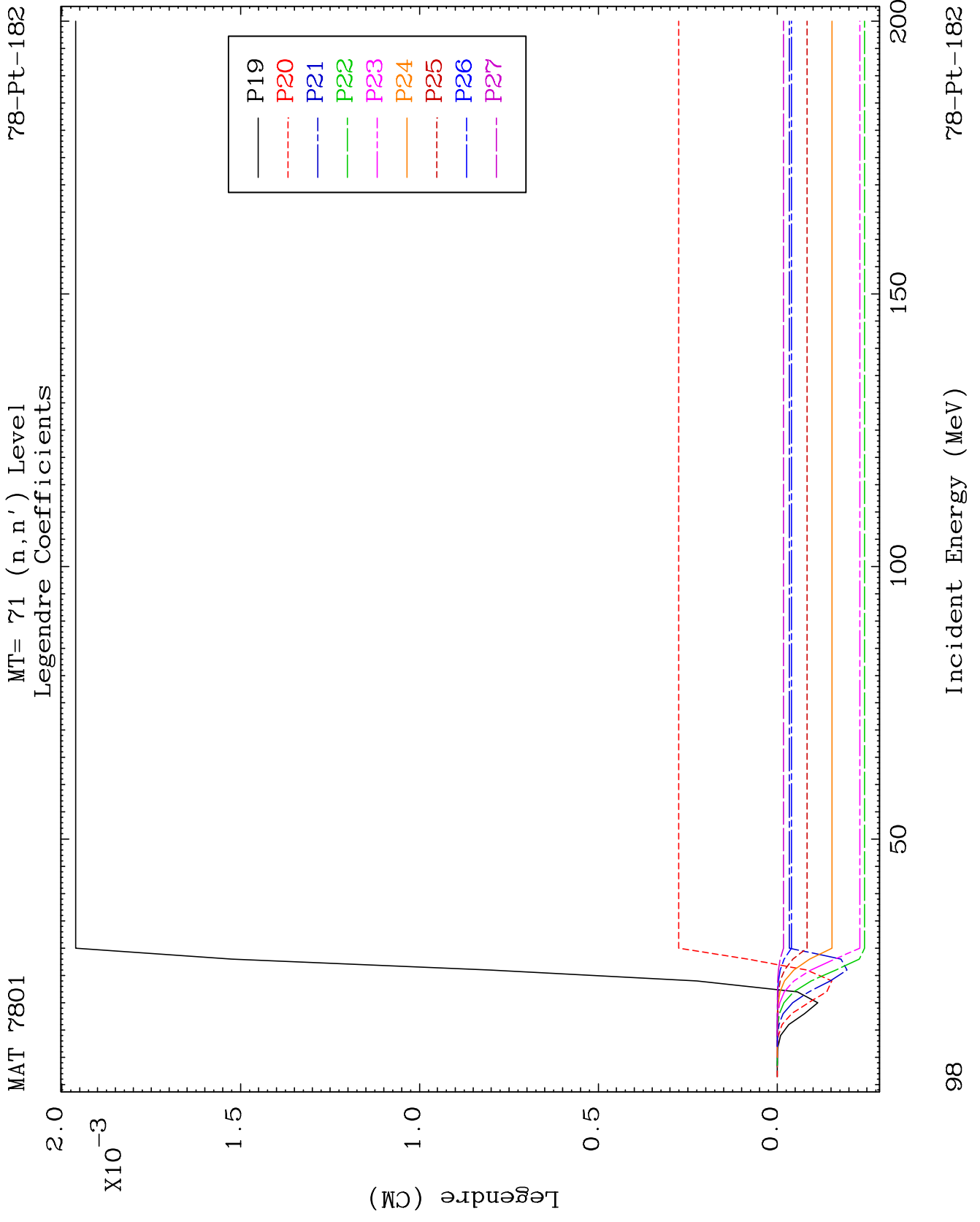
78-Pt-182









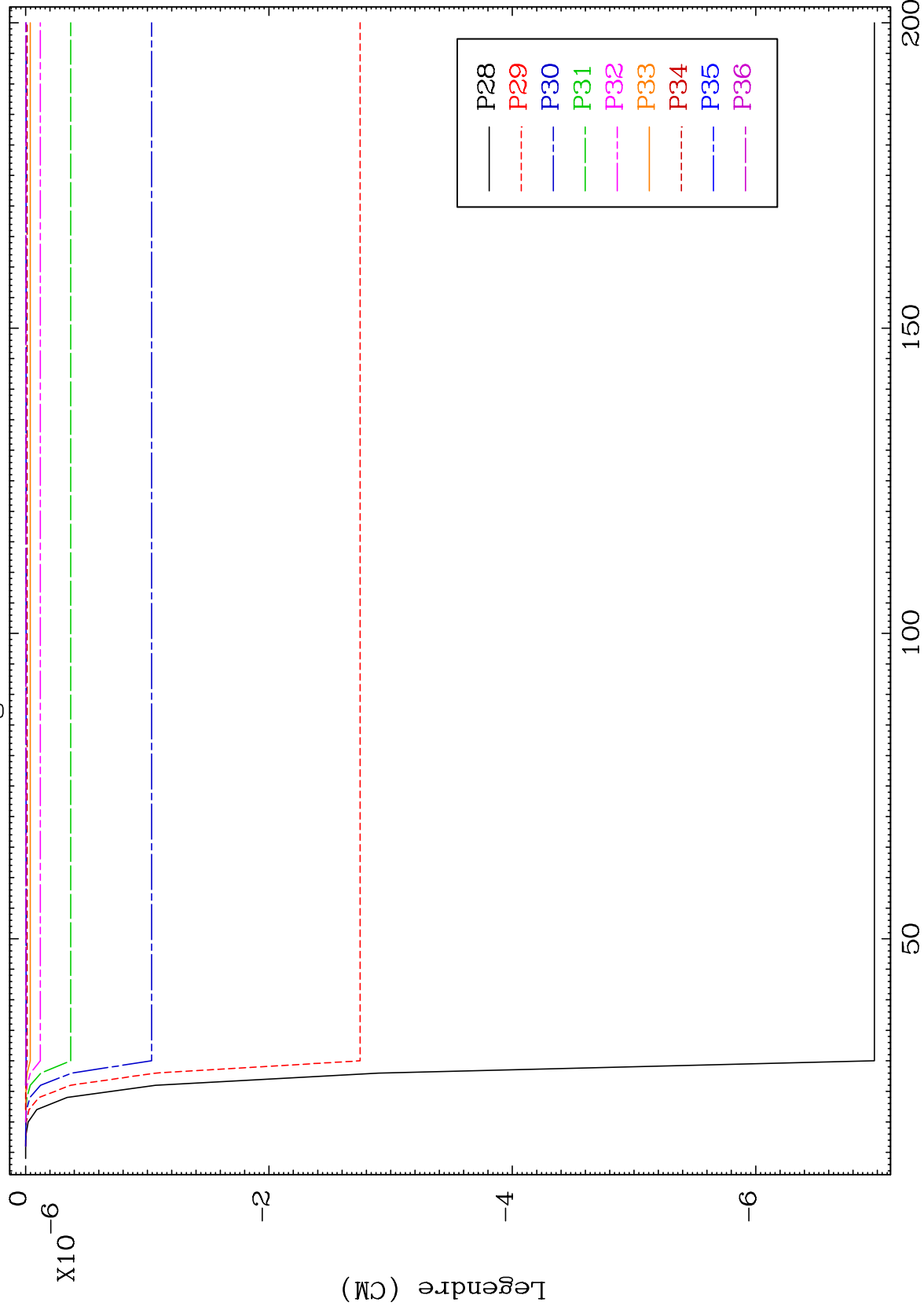


MAT 7801

MT= 71 (n,n') Level

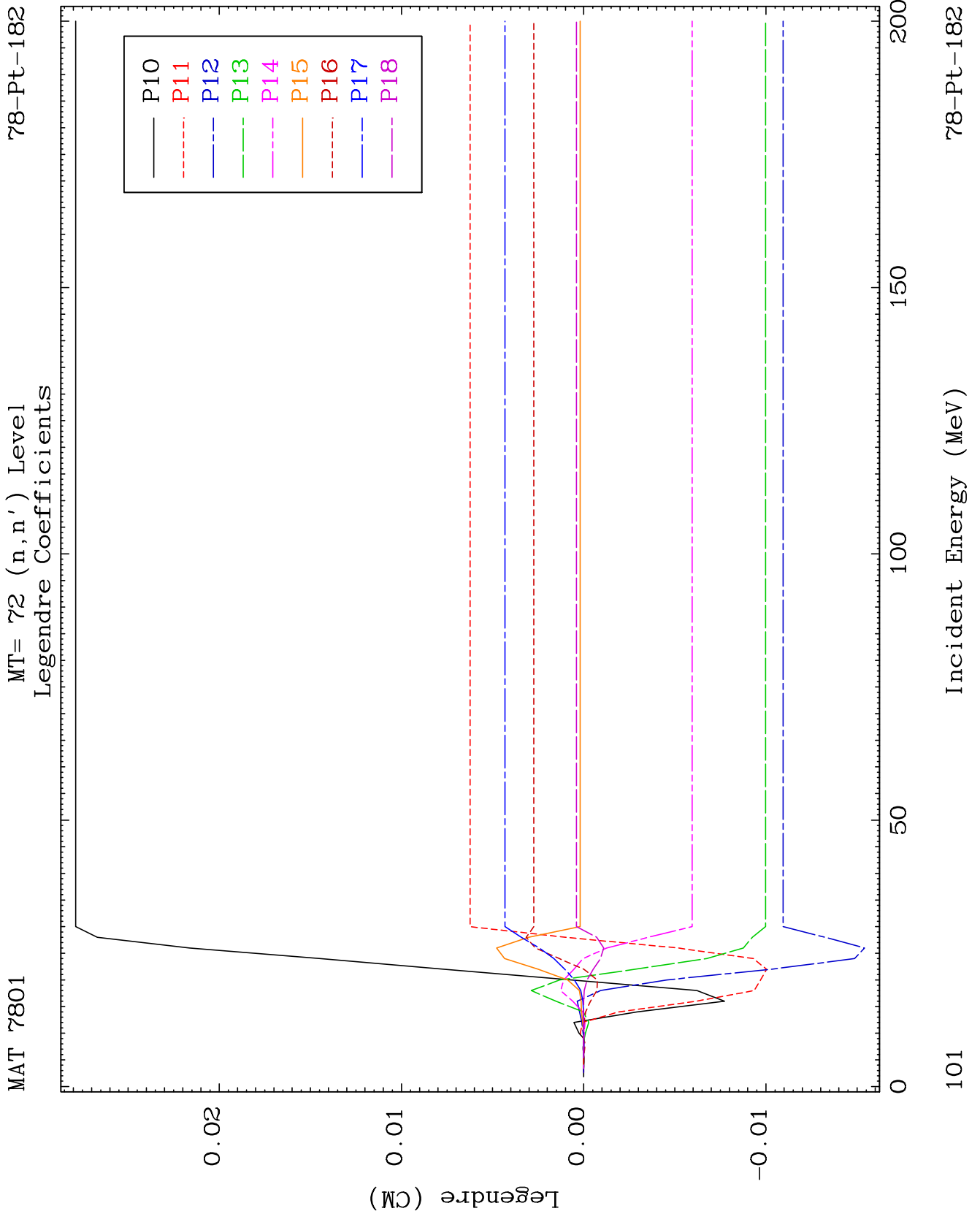
78-Pt-182

Legendre Coefficients



99

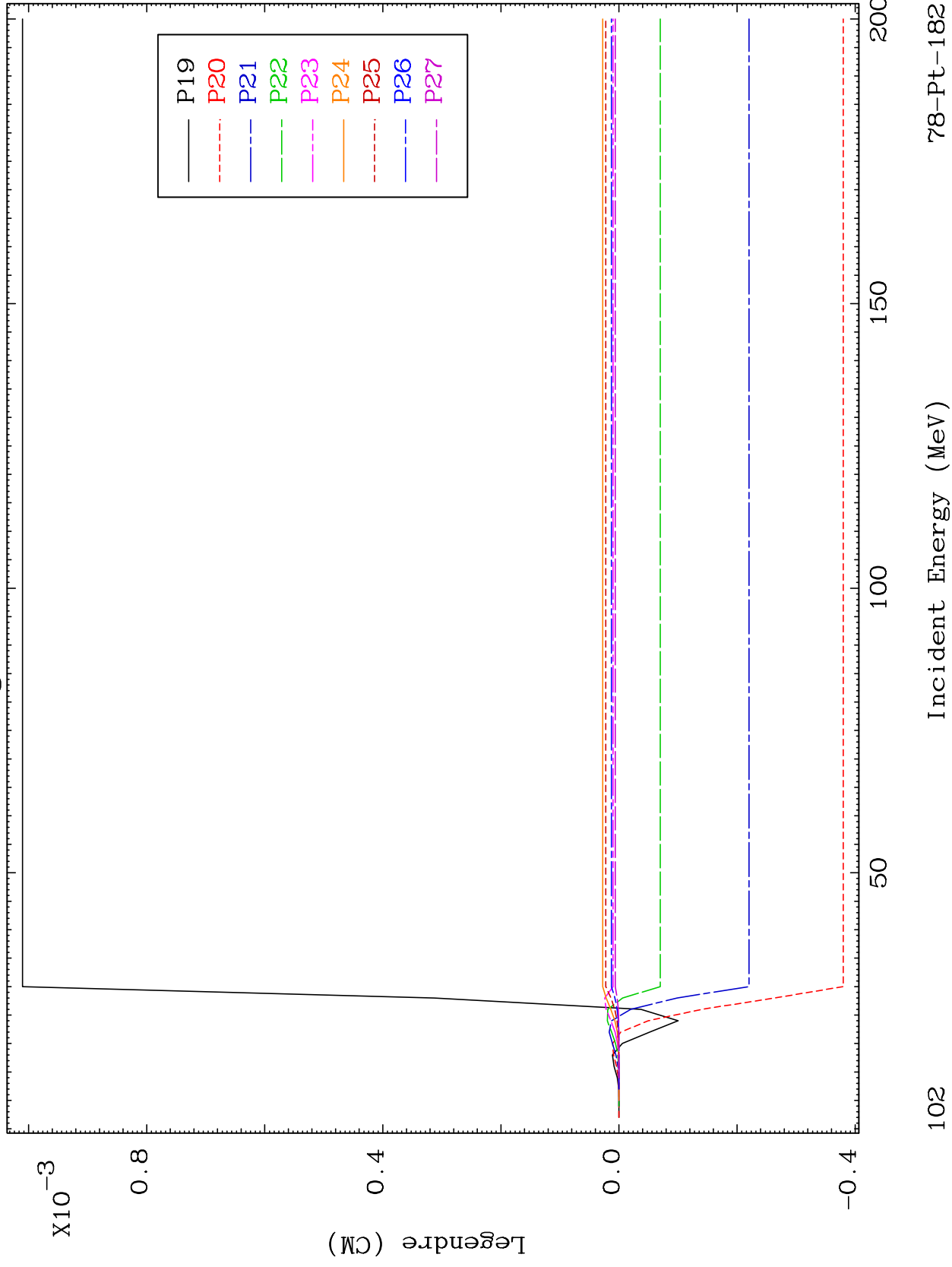
78-Pt-182



MAT 7801

MT= 72 (n,n') Level
Legendre Coefficients

78-Pt-182



102

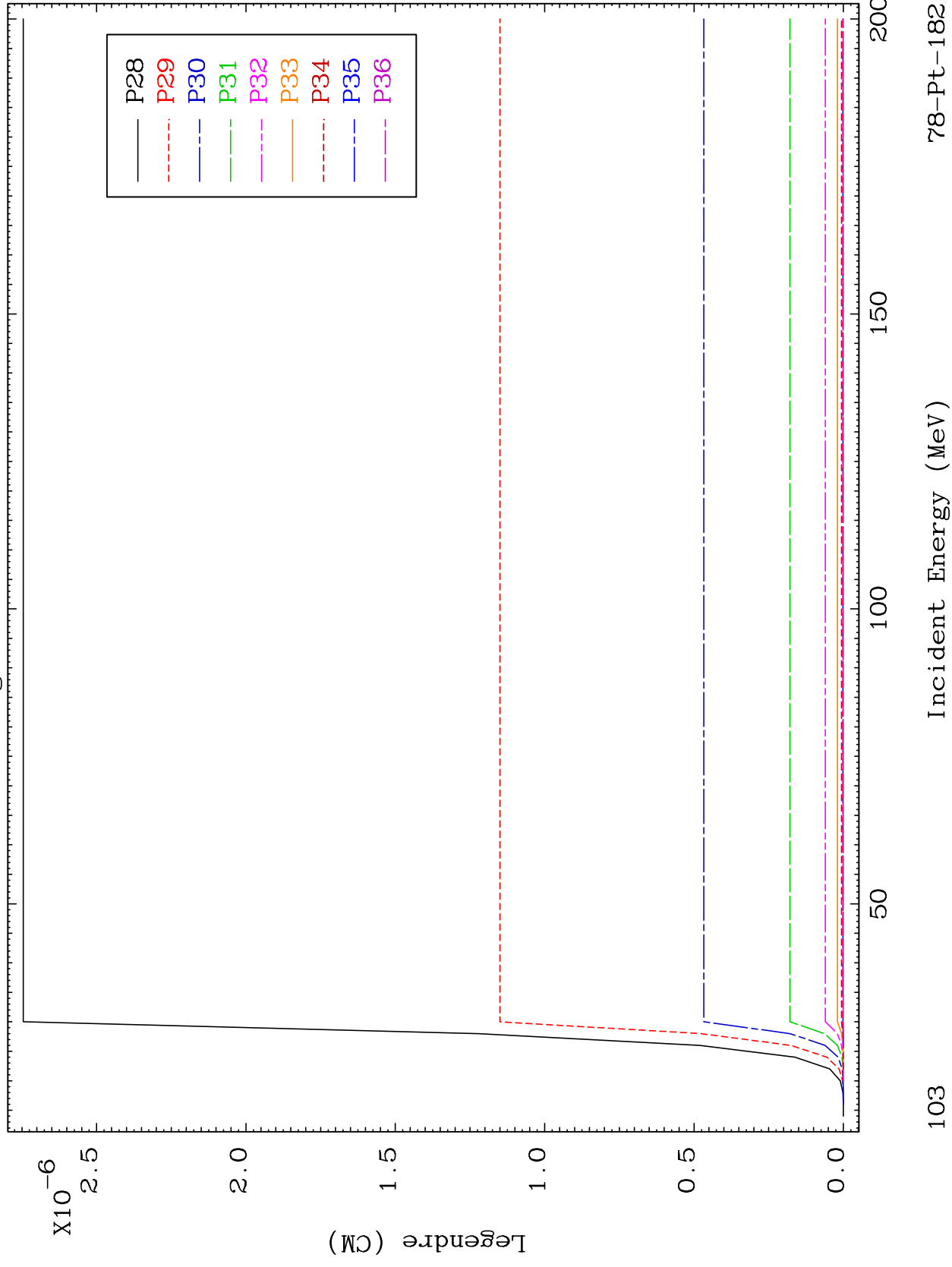
Incident Energy (MeV)

78-Pt-182

MAT 7801

MT= 72 (n,n') Level
Legendre Coefficients

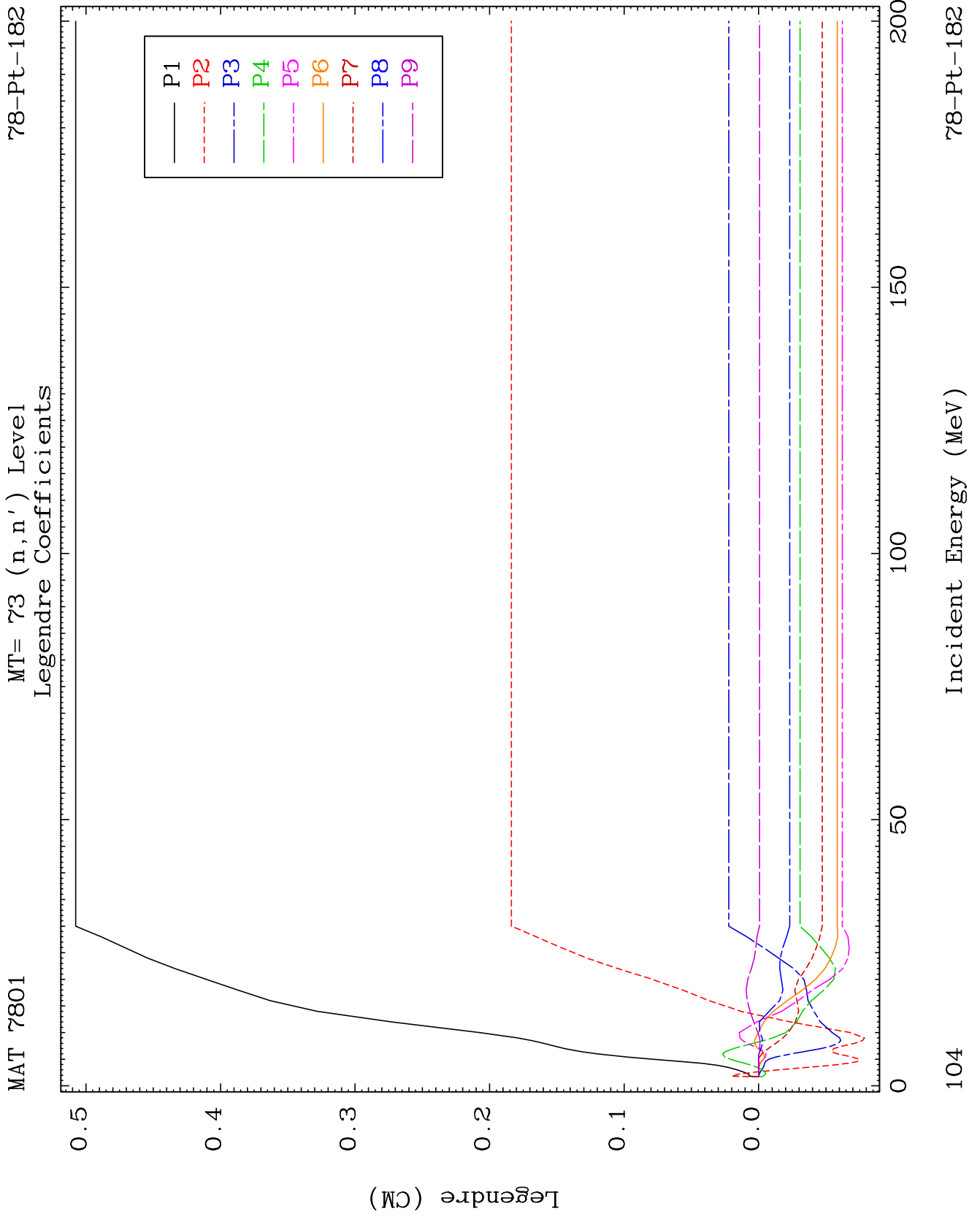
78-Pt-182

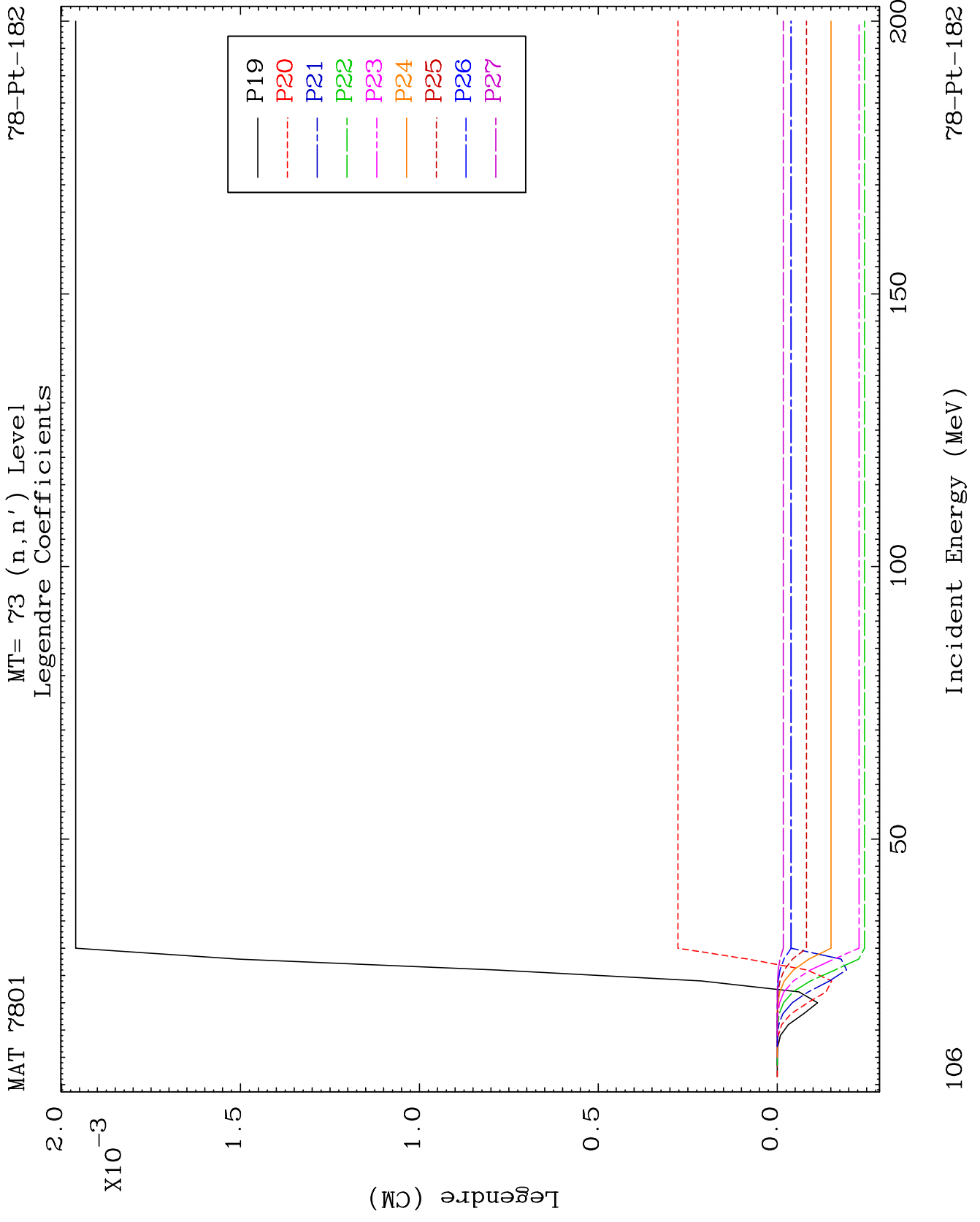


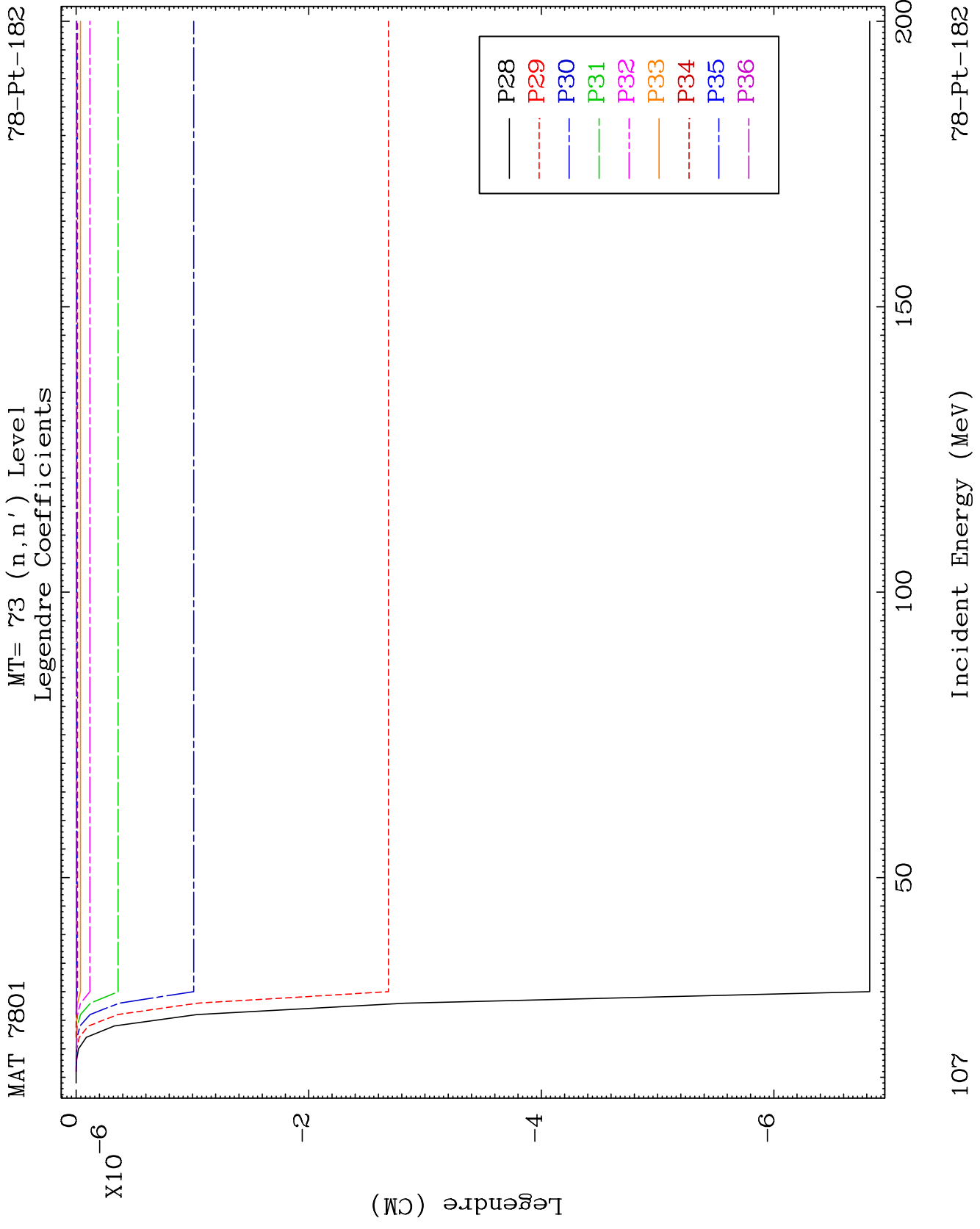
103

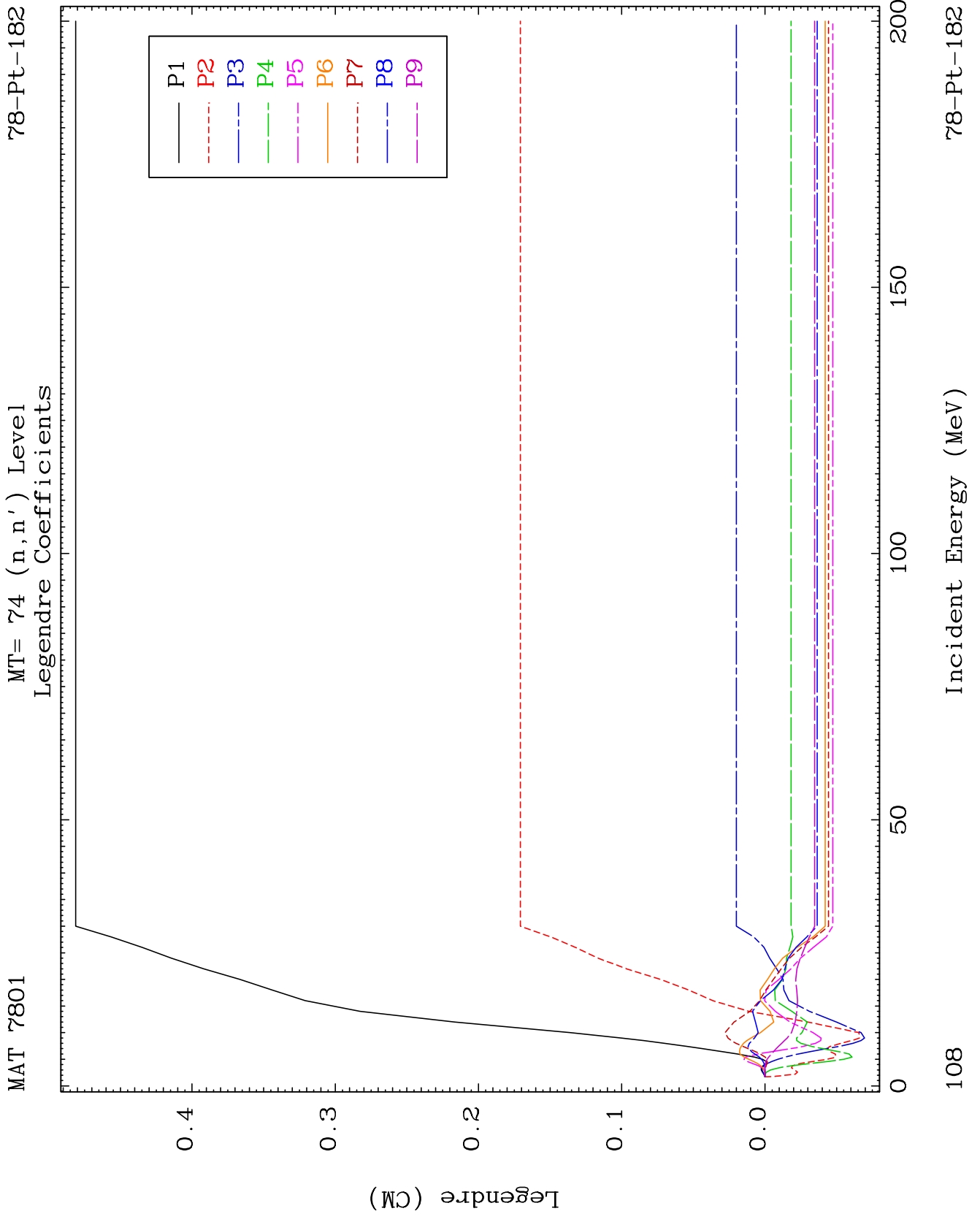
Incident Energy (MeV)

78-Pt-182





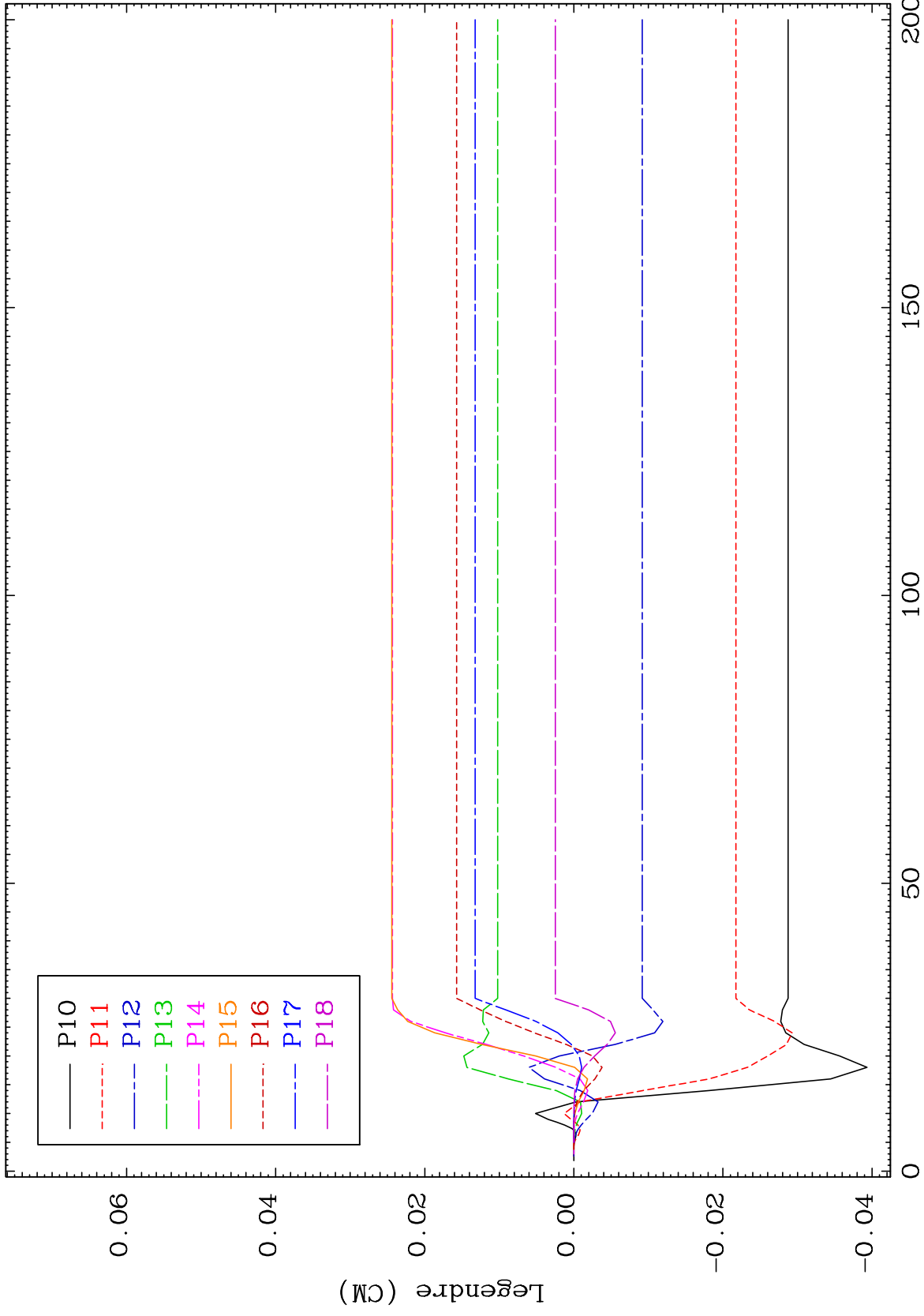




MAT 7801

MT= 74 (n,n') Level
Legendre Coefficients

78-Pt-182



109

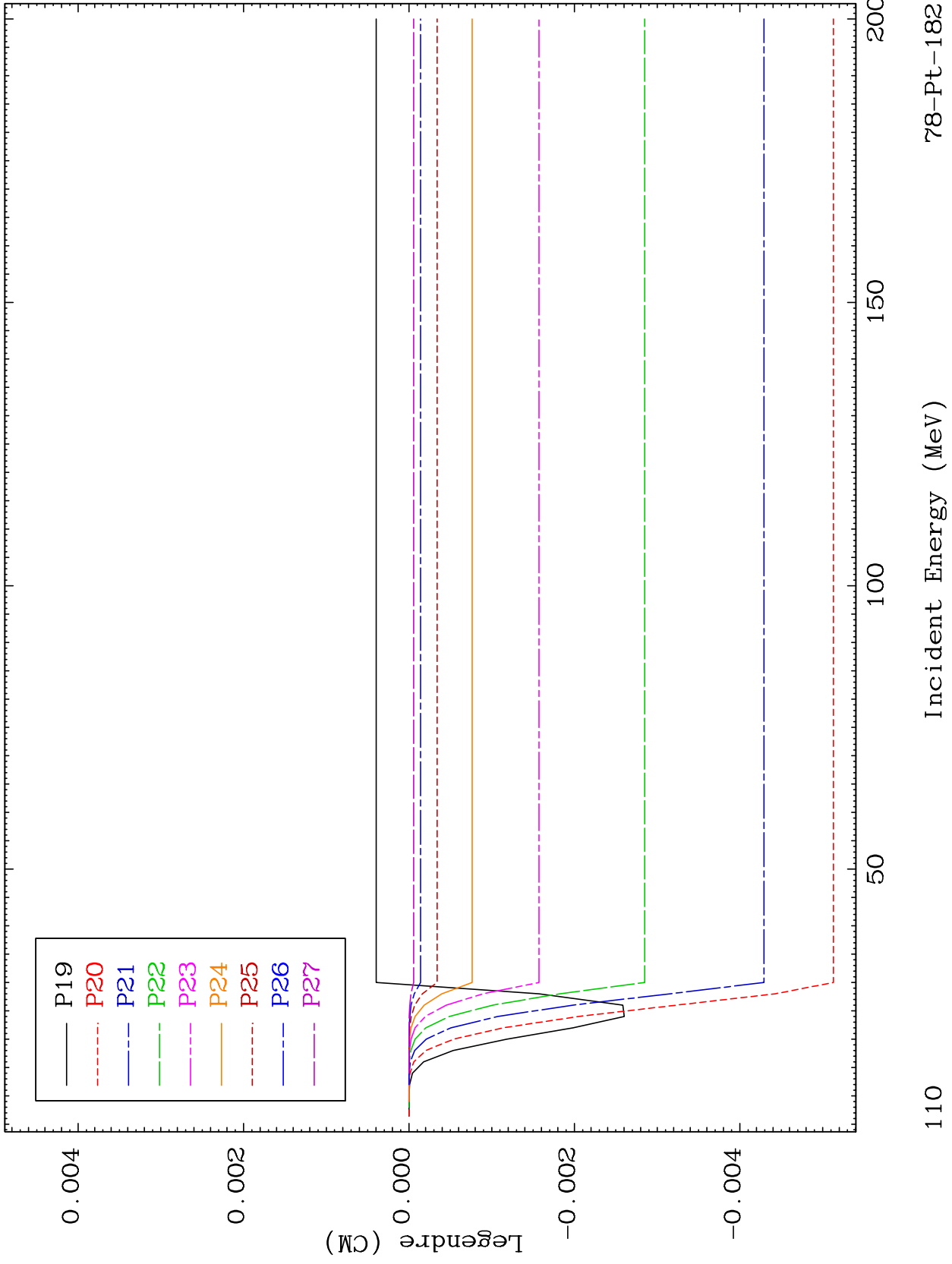
Incident Energy (MeV)

78-Pt-182

MAT 7801

MT= 74 (n,n') Level
Legendre Coefficients

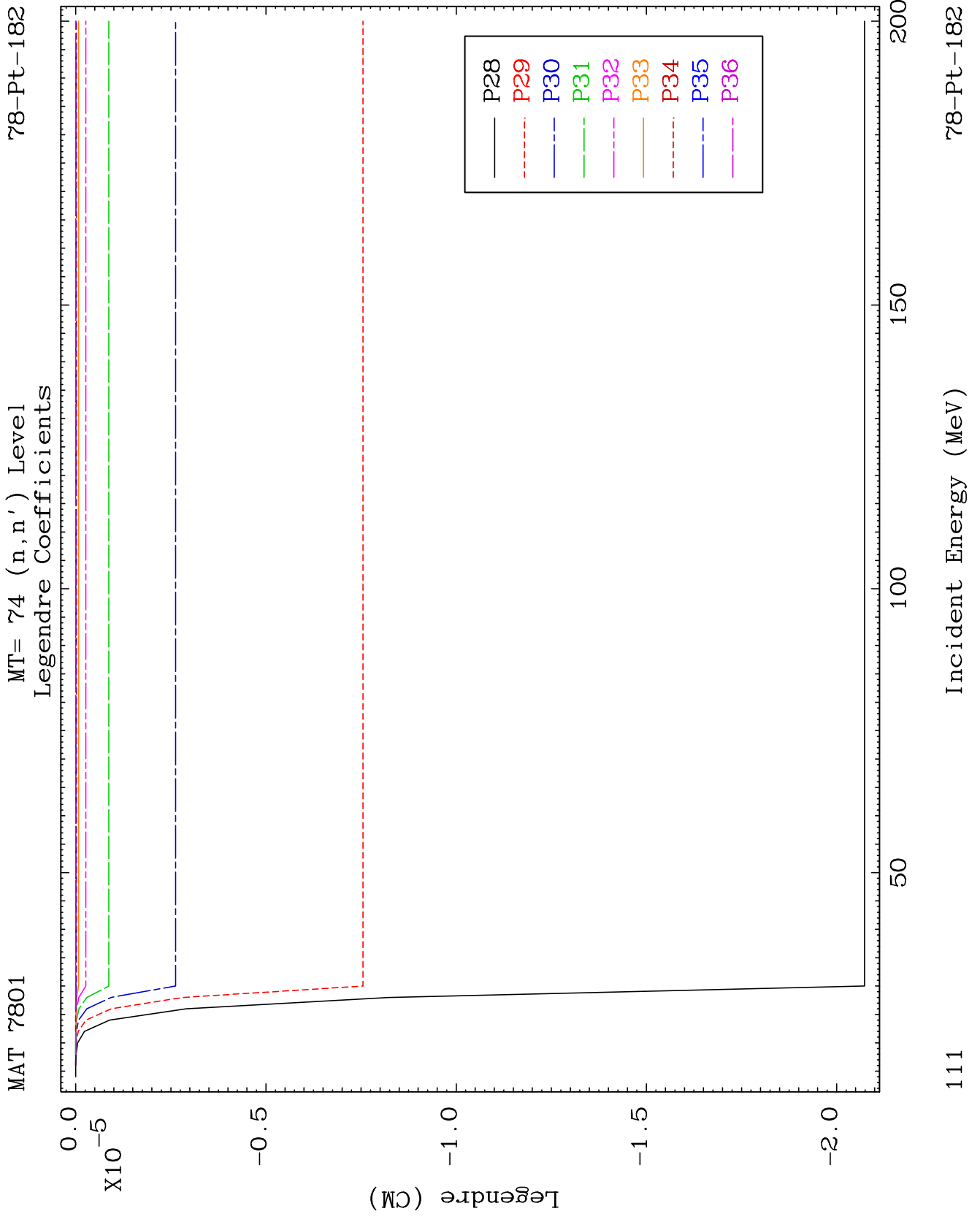
78-Pt-182



110

Incident Energy (MeV)

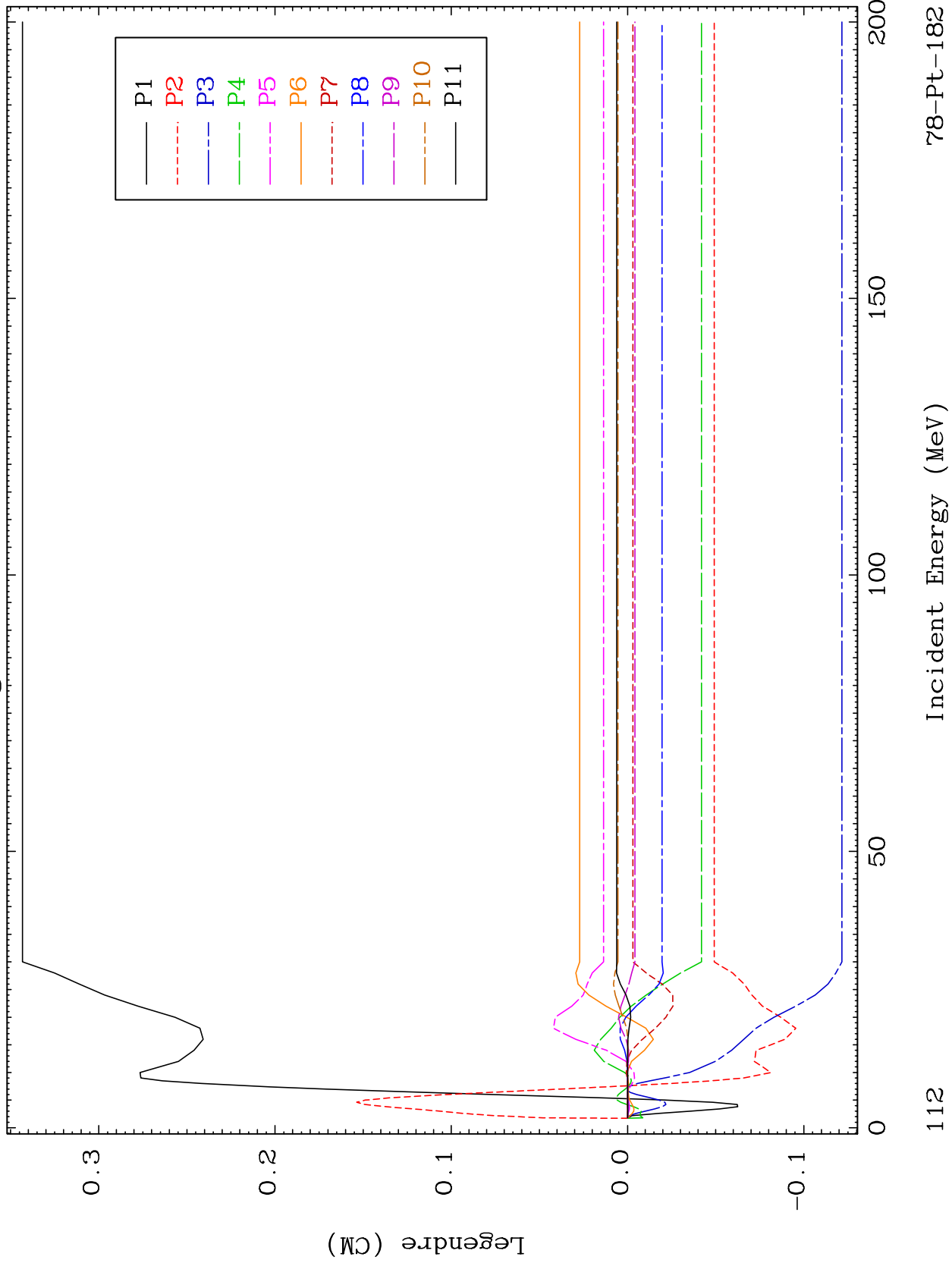
78-Pt-182



MAT 7801

MT= 75 (n,n') Level
Legendre Coefficients

78-Pt-182



78-Pt-182

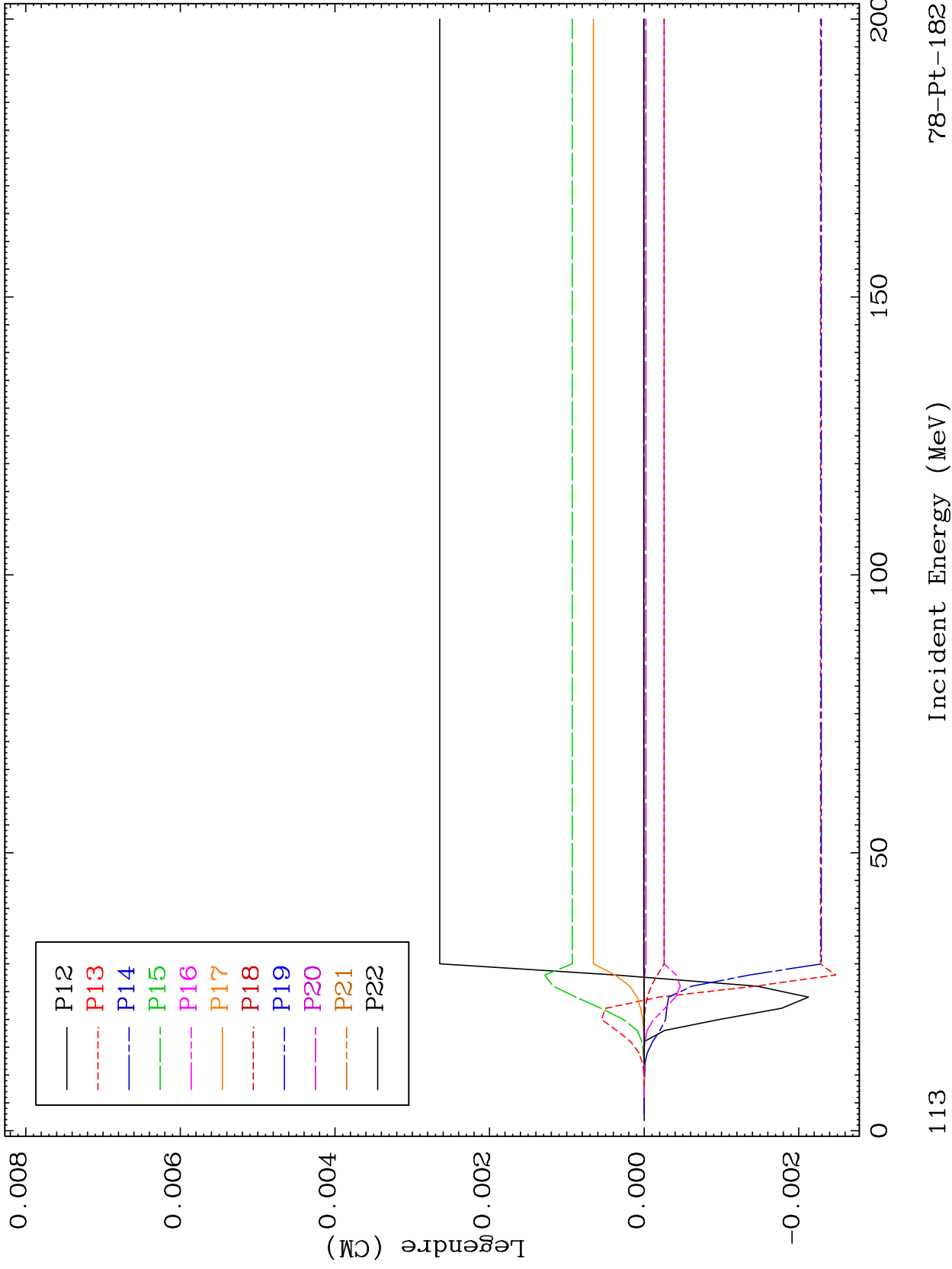
Incident Energy (MeV)

112

MAT 7801

MT= 75 (n,n') Level
Legendre Coefficients

78-Pt-182



113

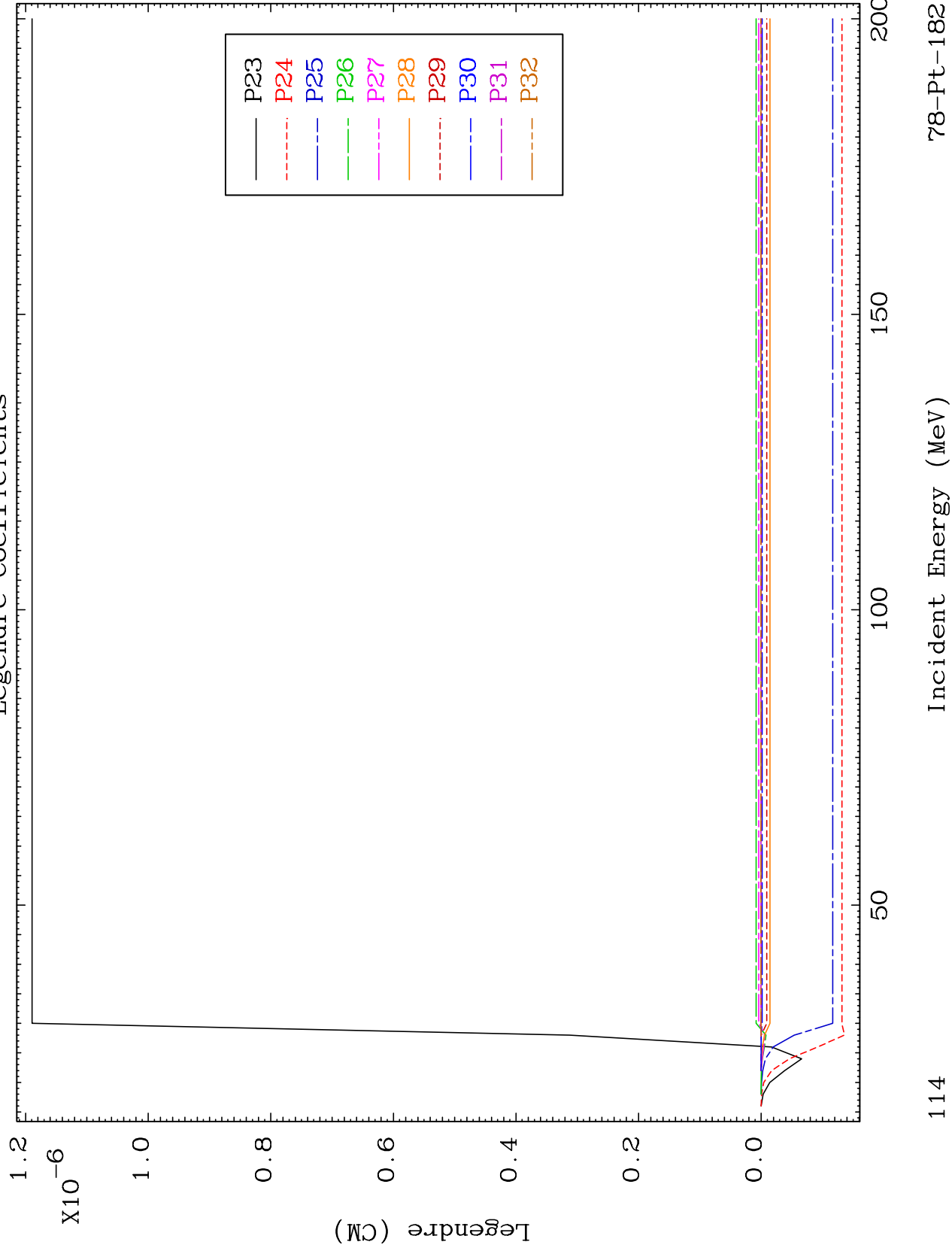
Incident Energy (MeV)

78-Pt-182

MAT 7801

MT= 75 (n,n') Level
Legendre Coefficients

78-Pt-182



114

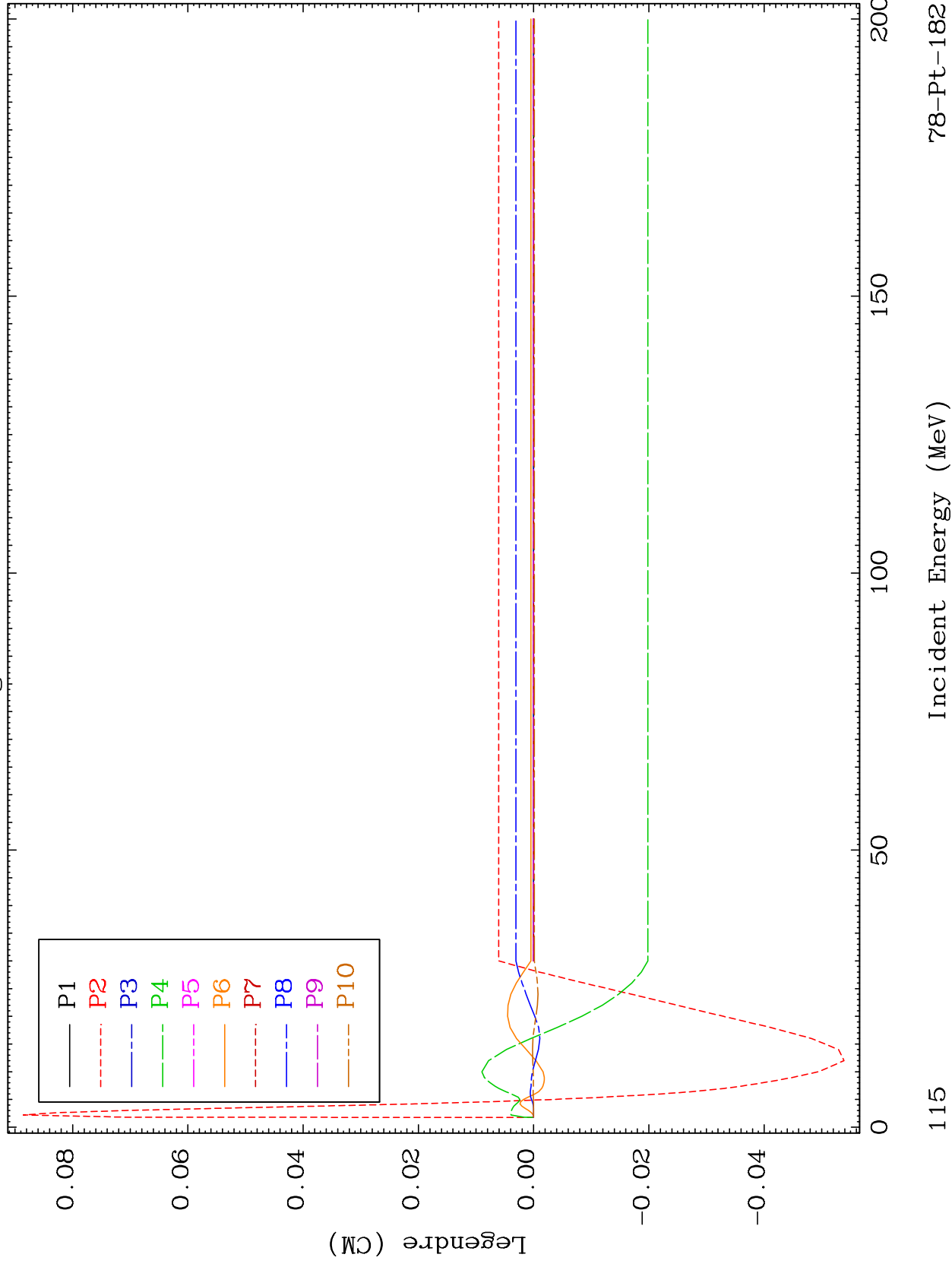
Incident Energy (MeV)

78-Pt-182

MAT 7801

MT= 76 (n,n') Level
Legendre Coefficients

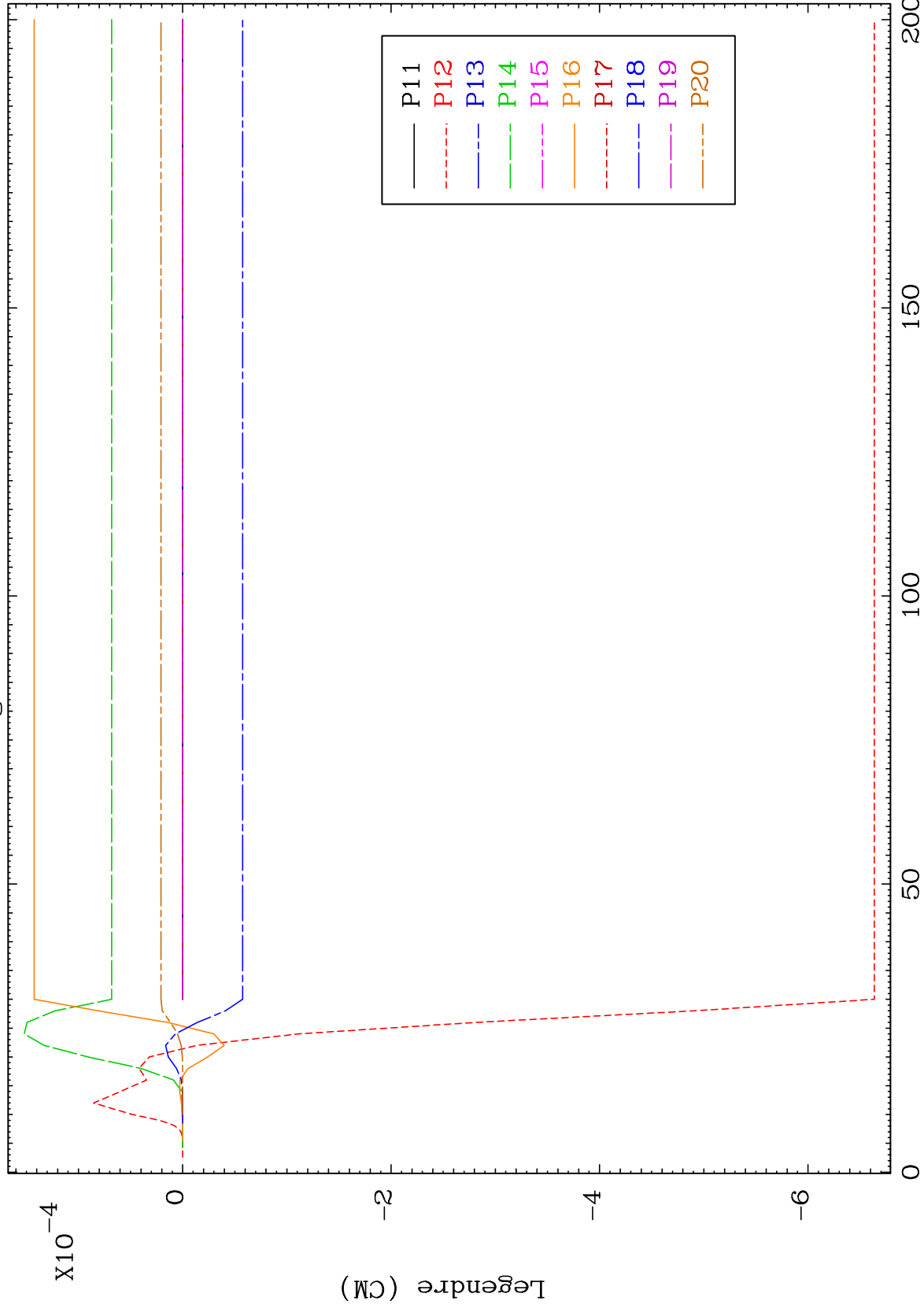
78-Pt-182



MAT 7801

MT= 76 (n,n') Level
Legendre Coefficients

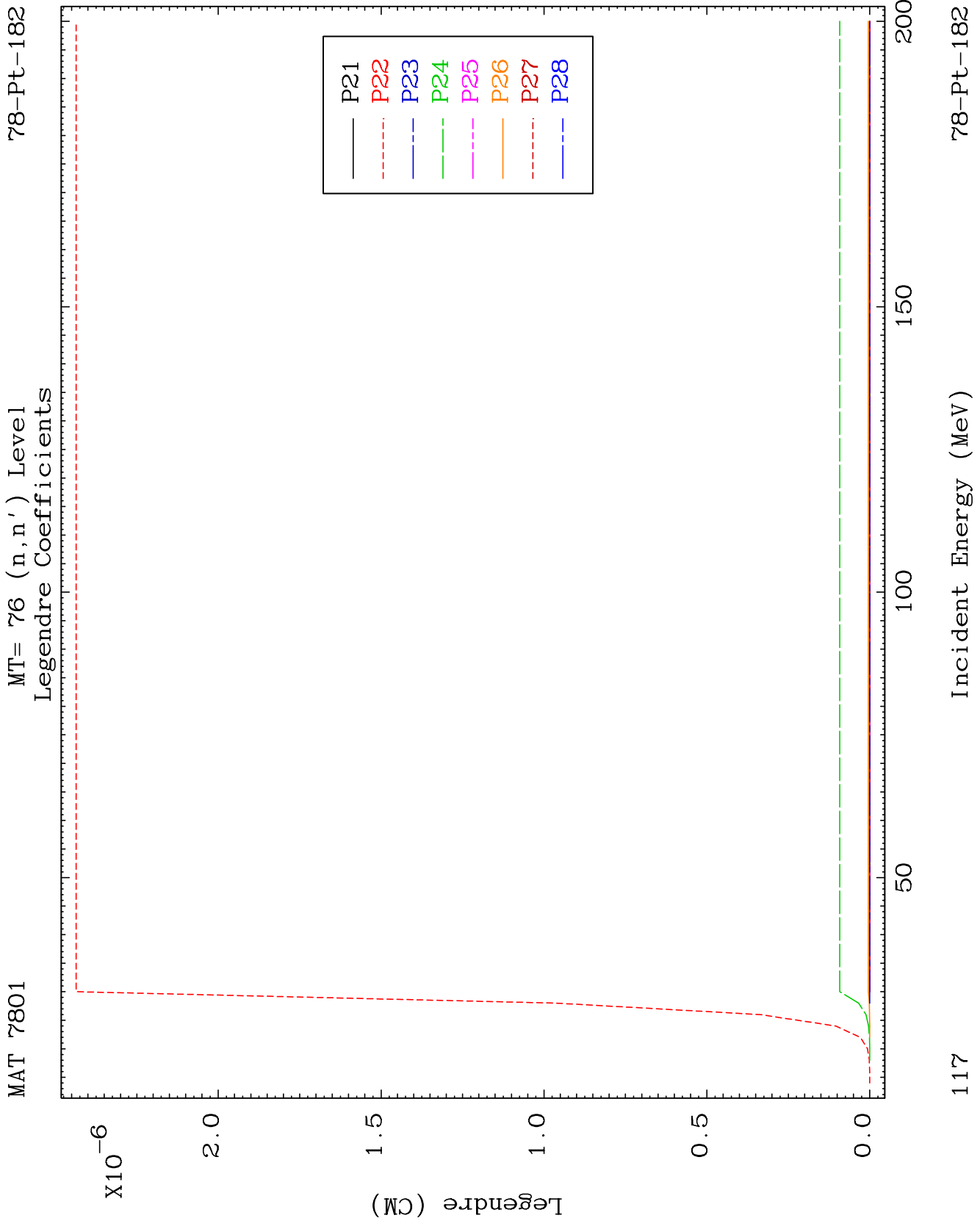
78-Pt-182



116

Incident Energy (MeV)

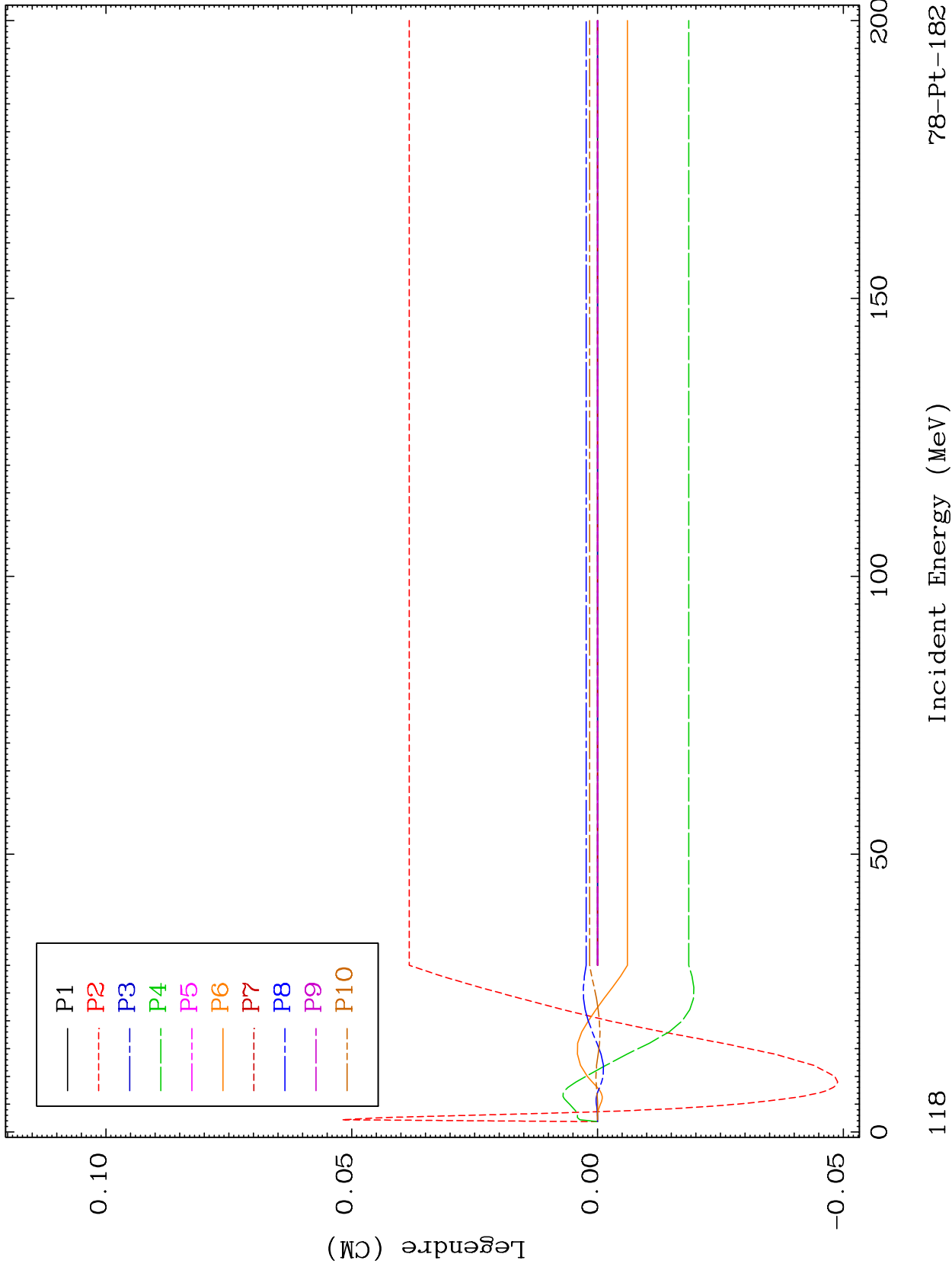
78-Pt-182



MAT 7801

MT= 77 (n,n') Level
Legendre Coefficients

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118

Incident Energy (MeV)

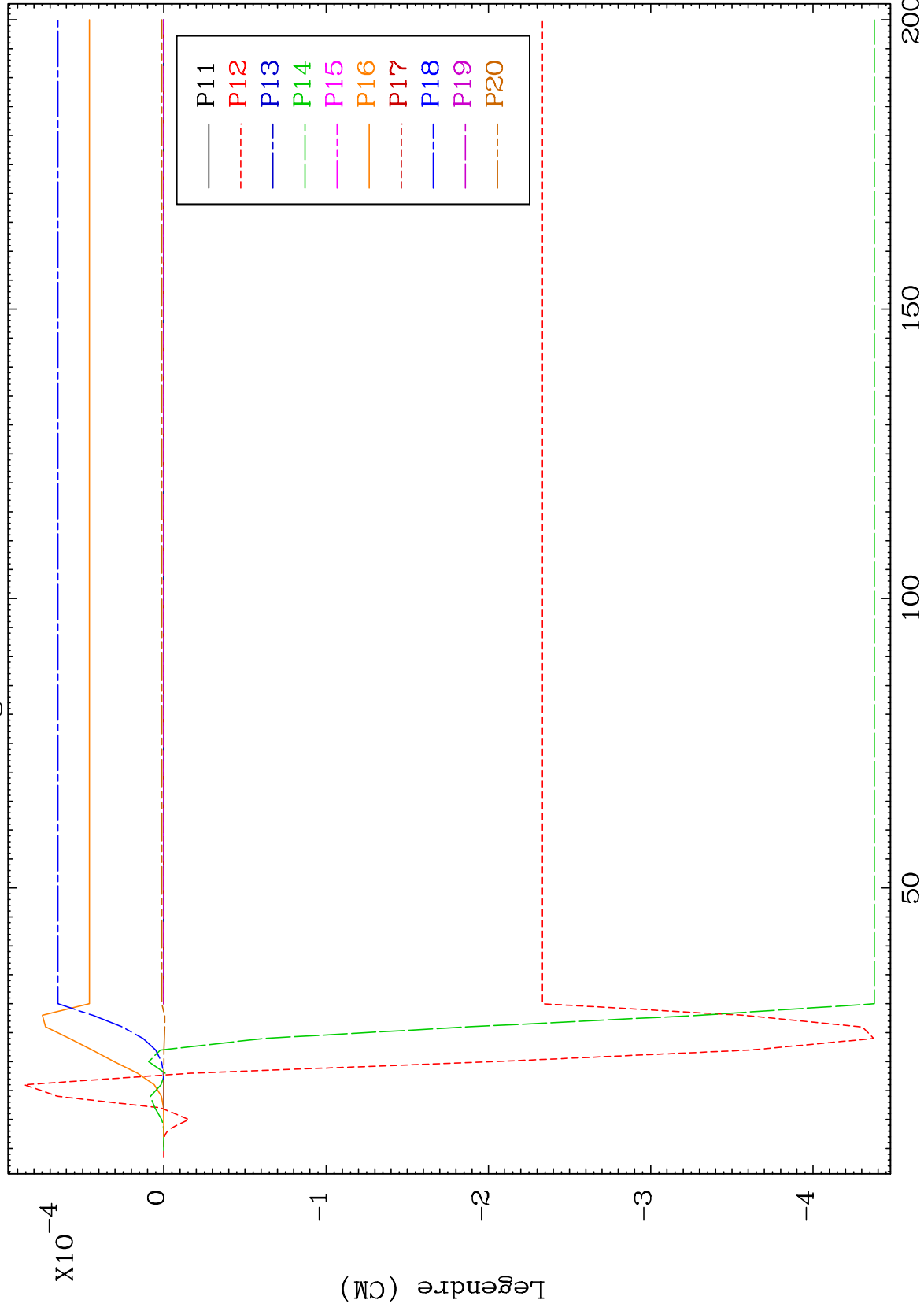
78-Pt-182

MAT 7801

MT= 77 (n,n') Level

78-Pt-182

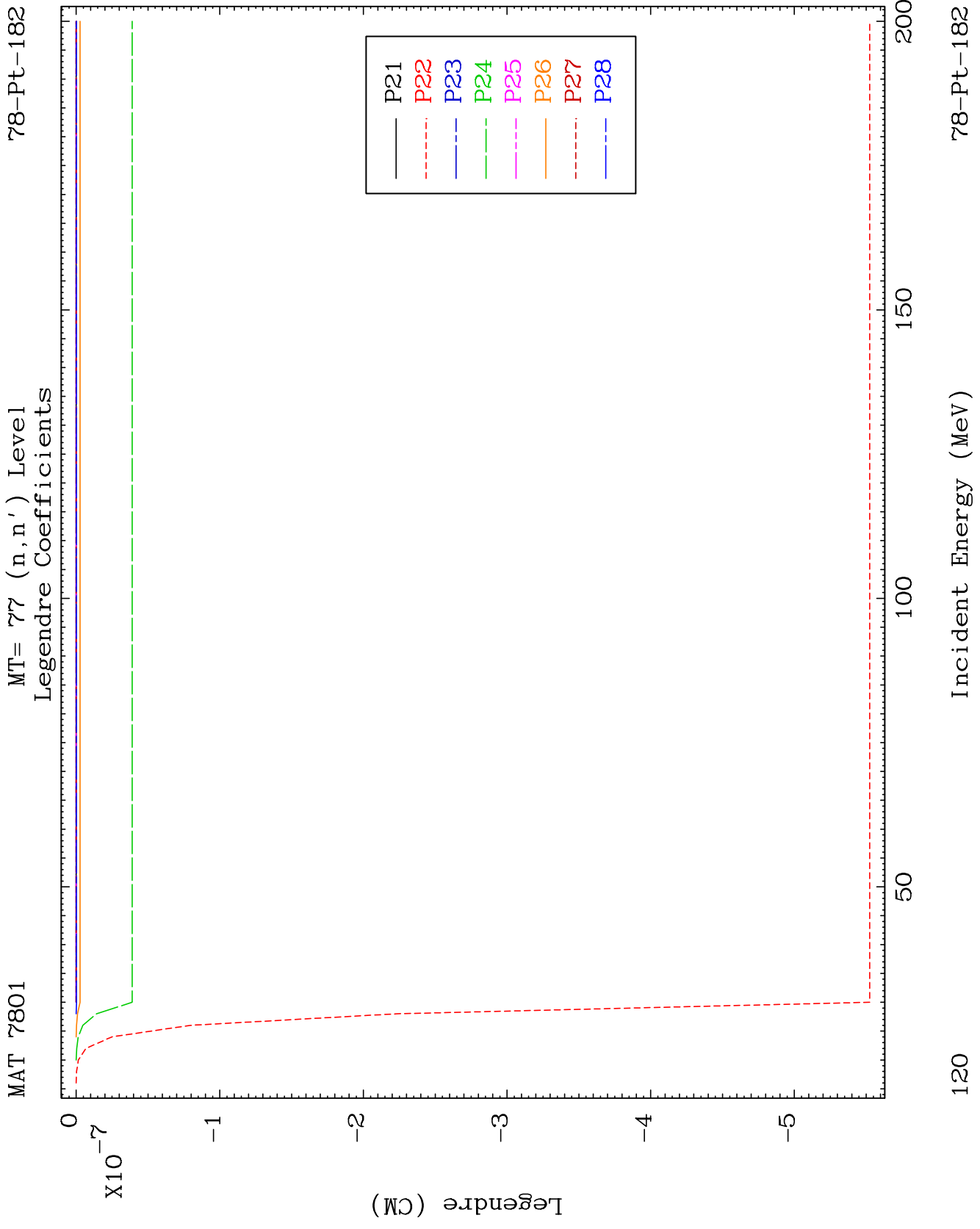
Legendre Coefficients

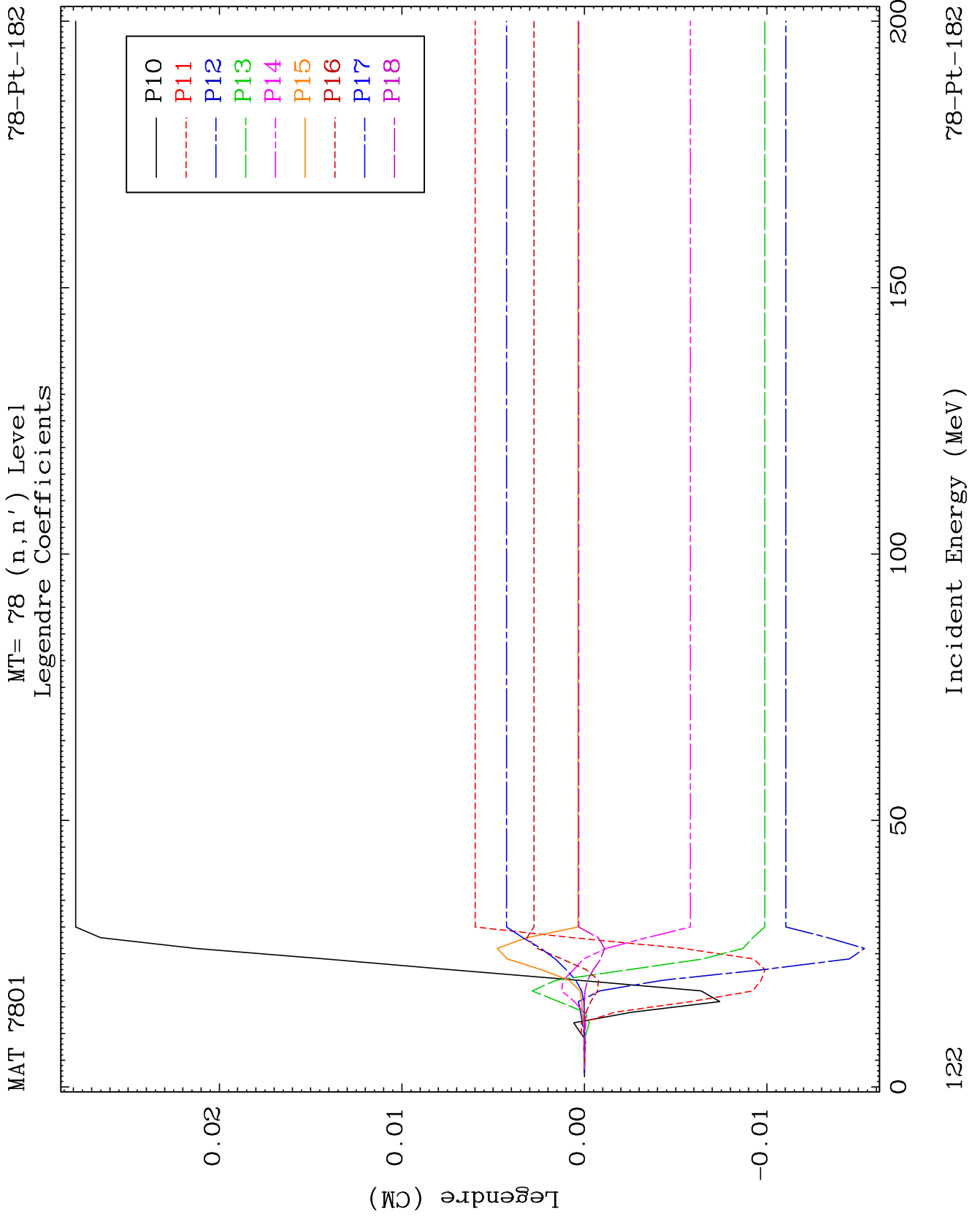


119

Incident Energy (MeV)

78-Pt-182

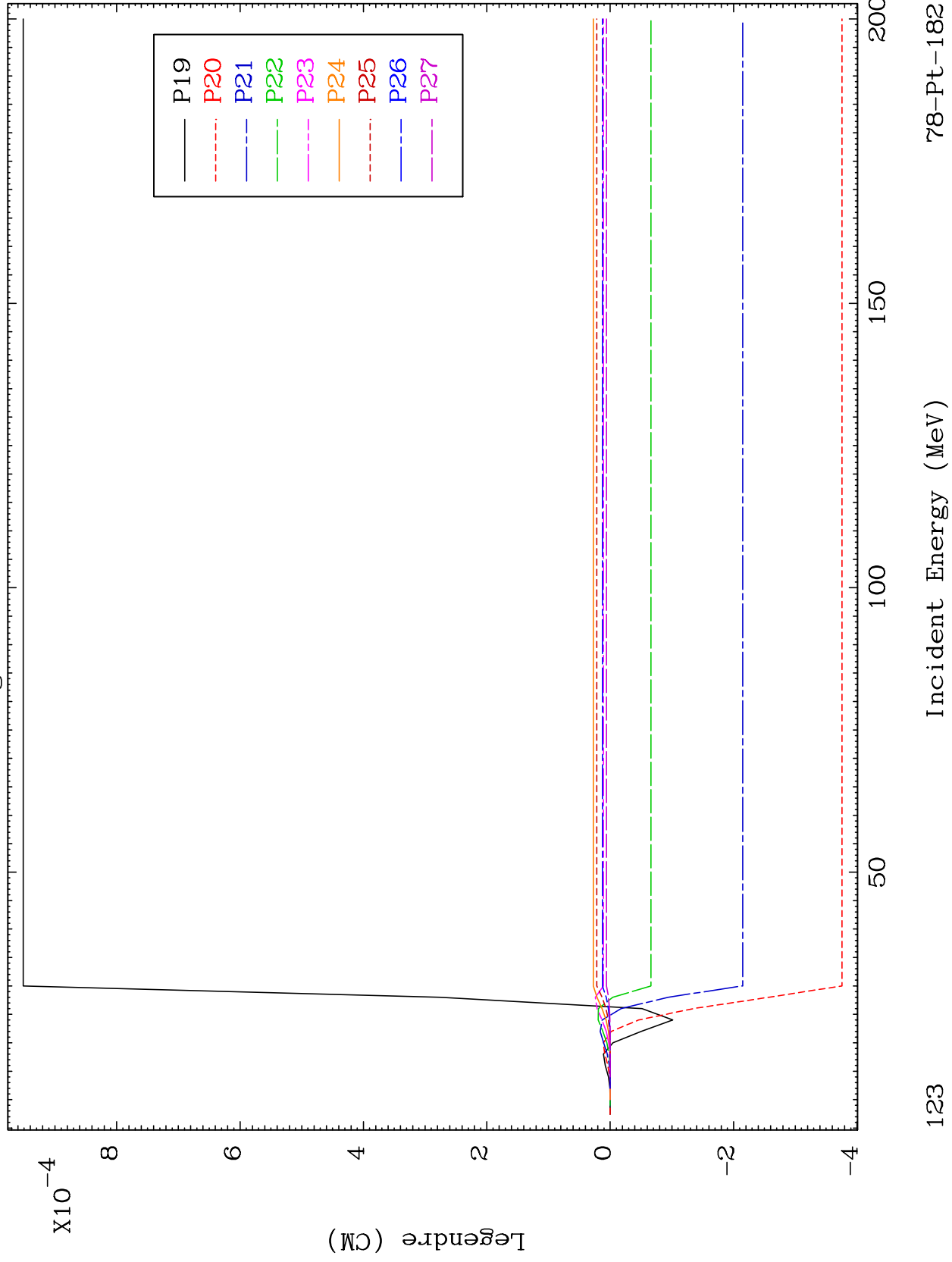




MAT 7801

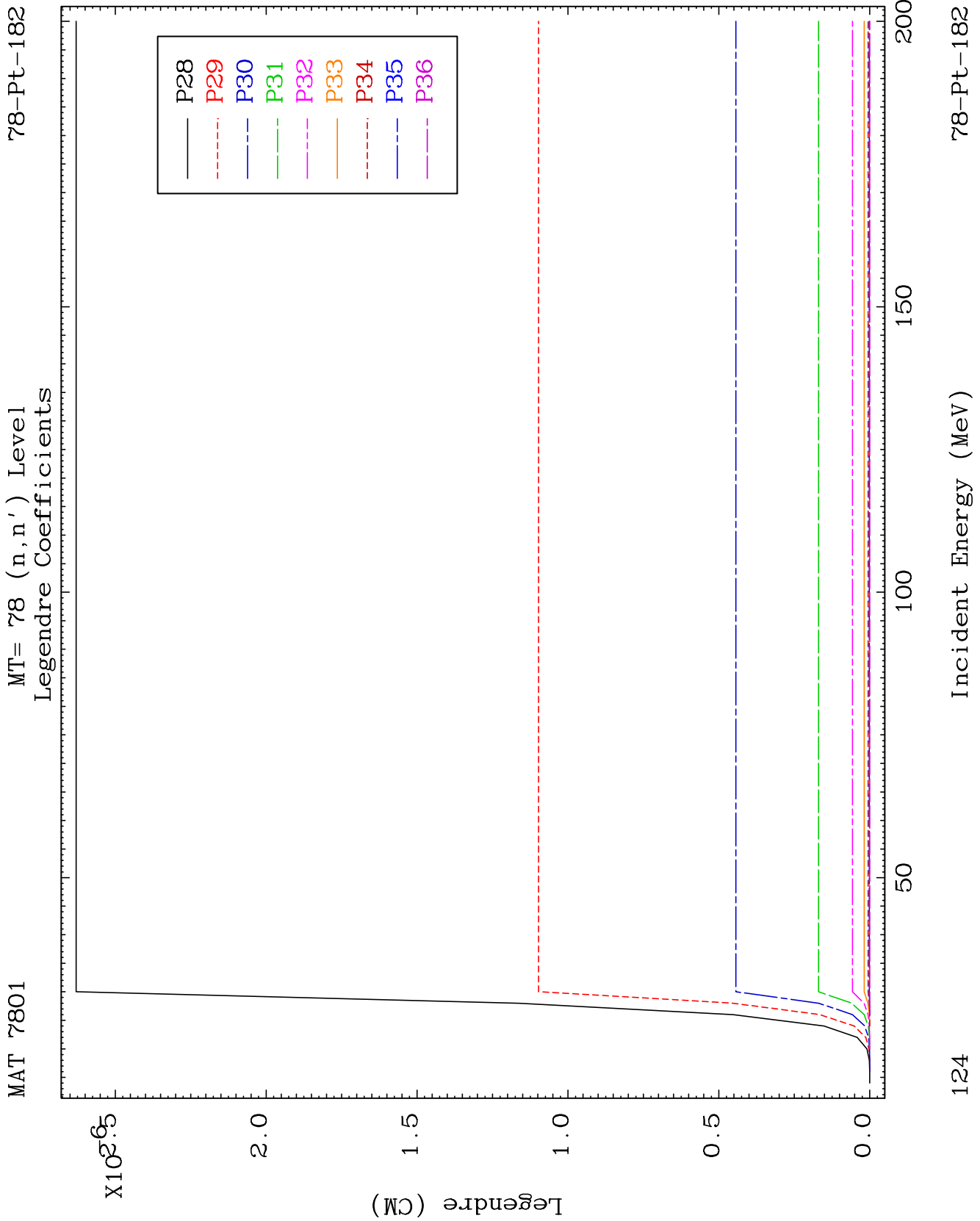
MT= 78 (n,n') Level
Legendre Coefficients

78-Pt-182



123

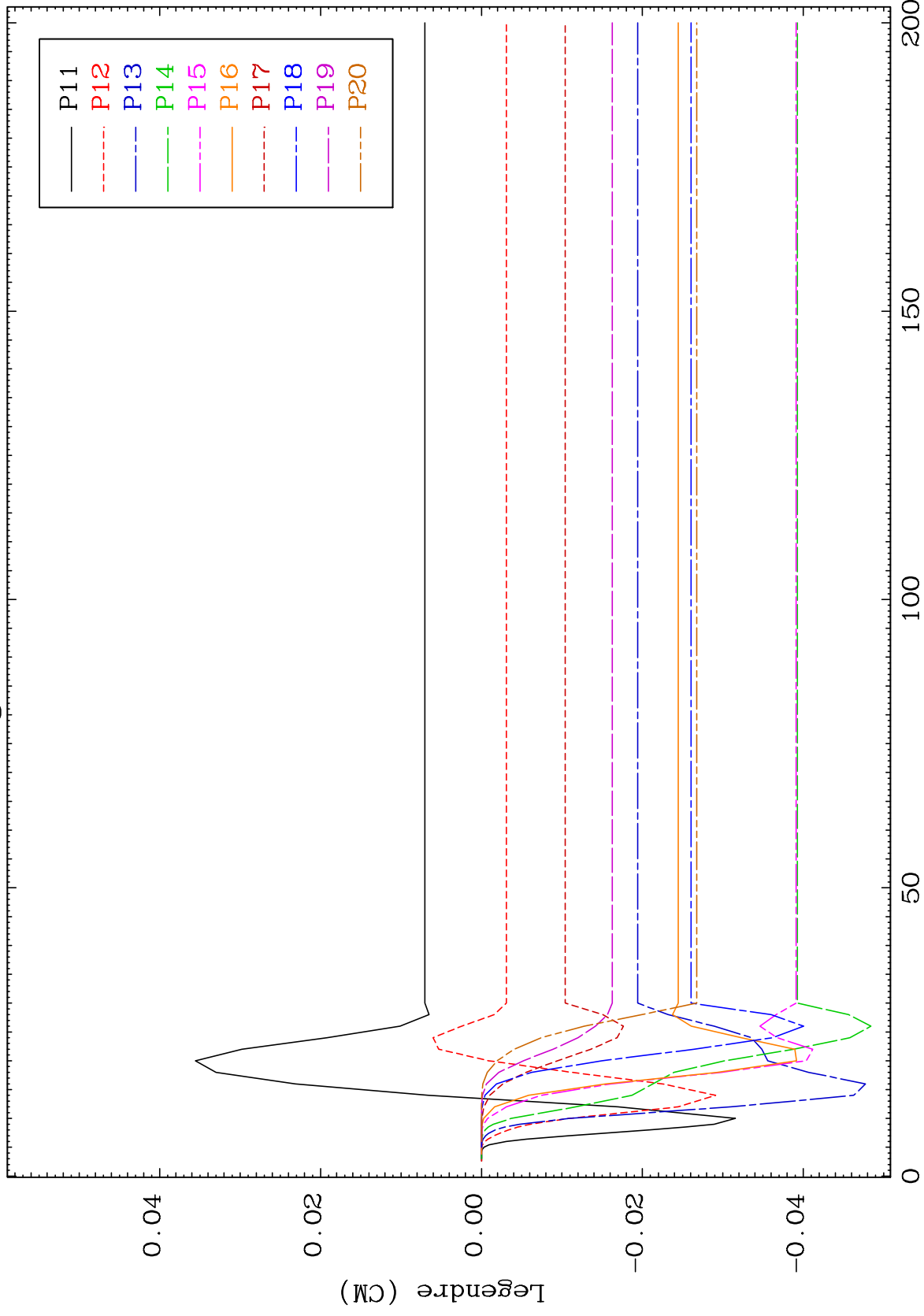
78-Pt-182



MAT 7801

MT= 79 (n,n') Level
Legendre Coefficients

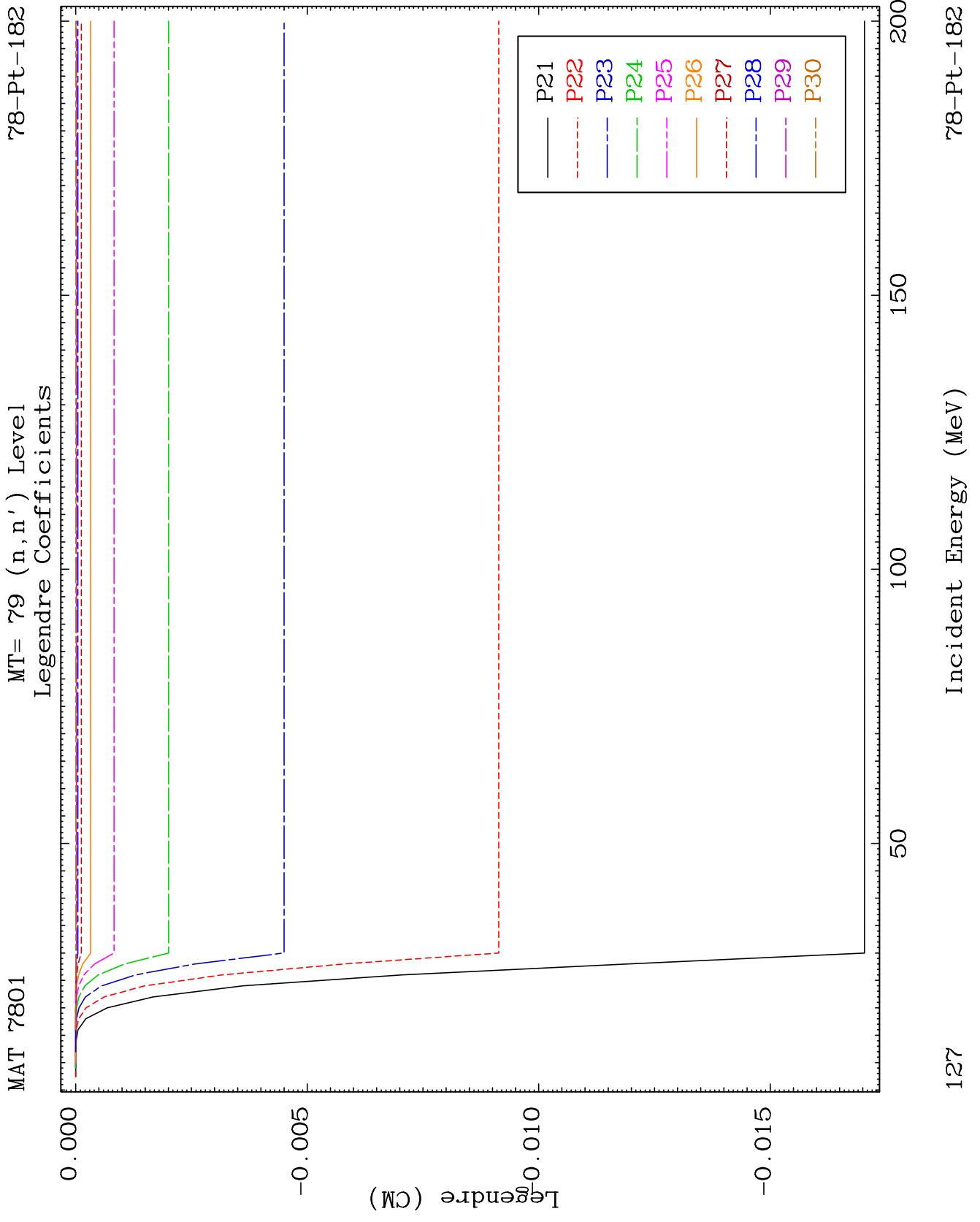
78-Pt-182

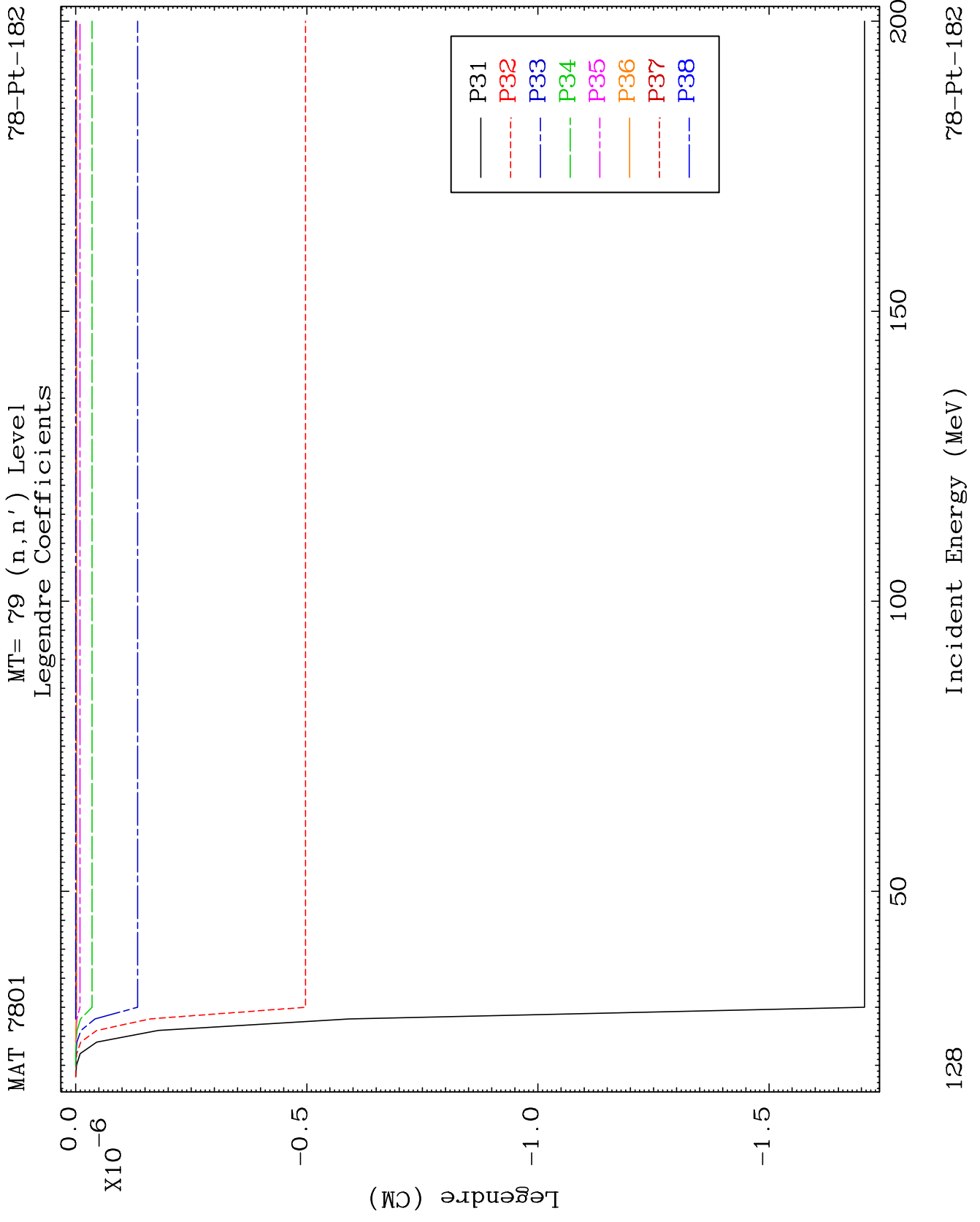


126

Incident Energy (MeV)

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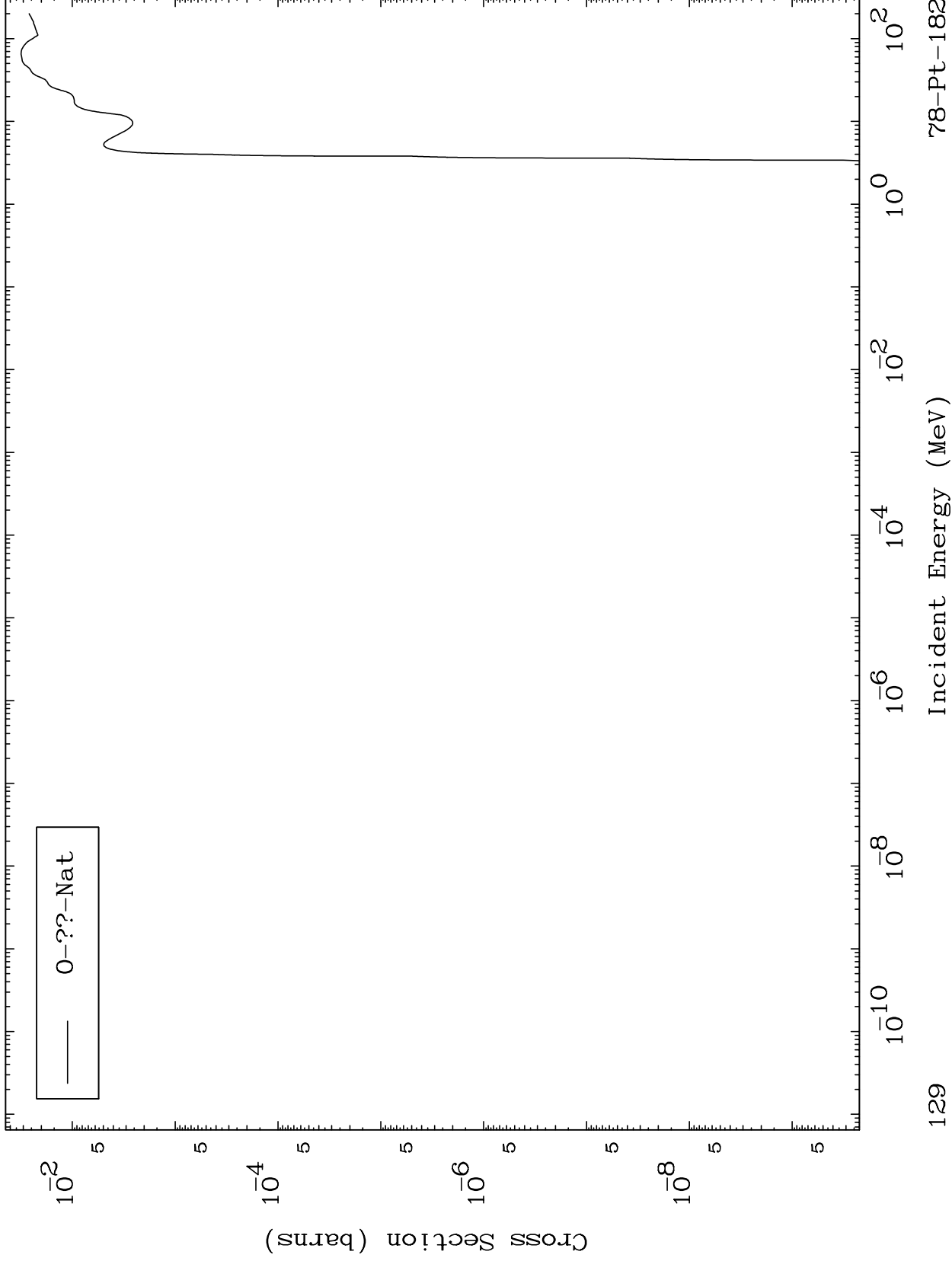


MAT 7801

Fission

78-Pt-182

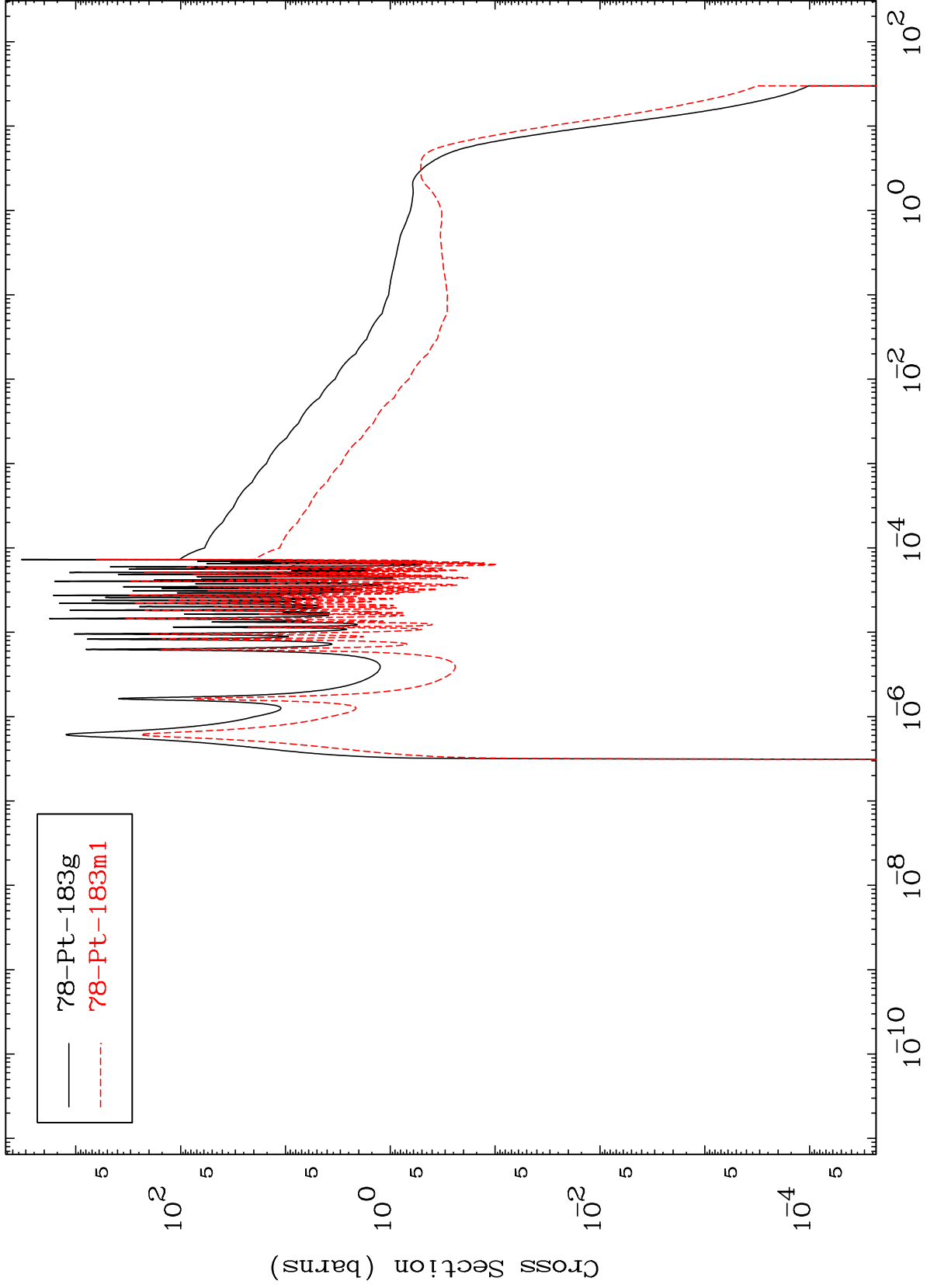
Radionuclide Production Cross Section



MAT 7801

78-Pt-182

(n,γ)
Radionuclide Production Cross Section



130

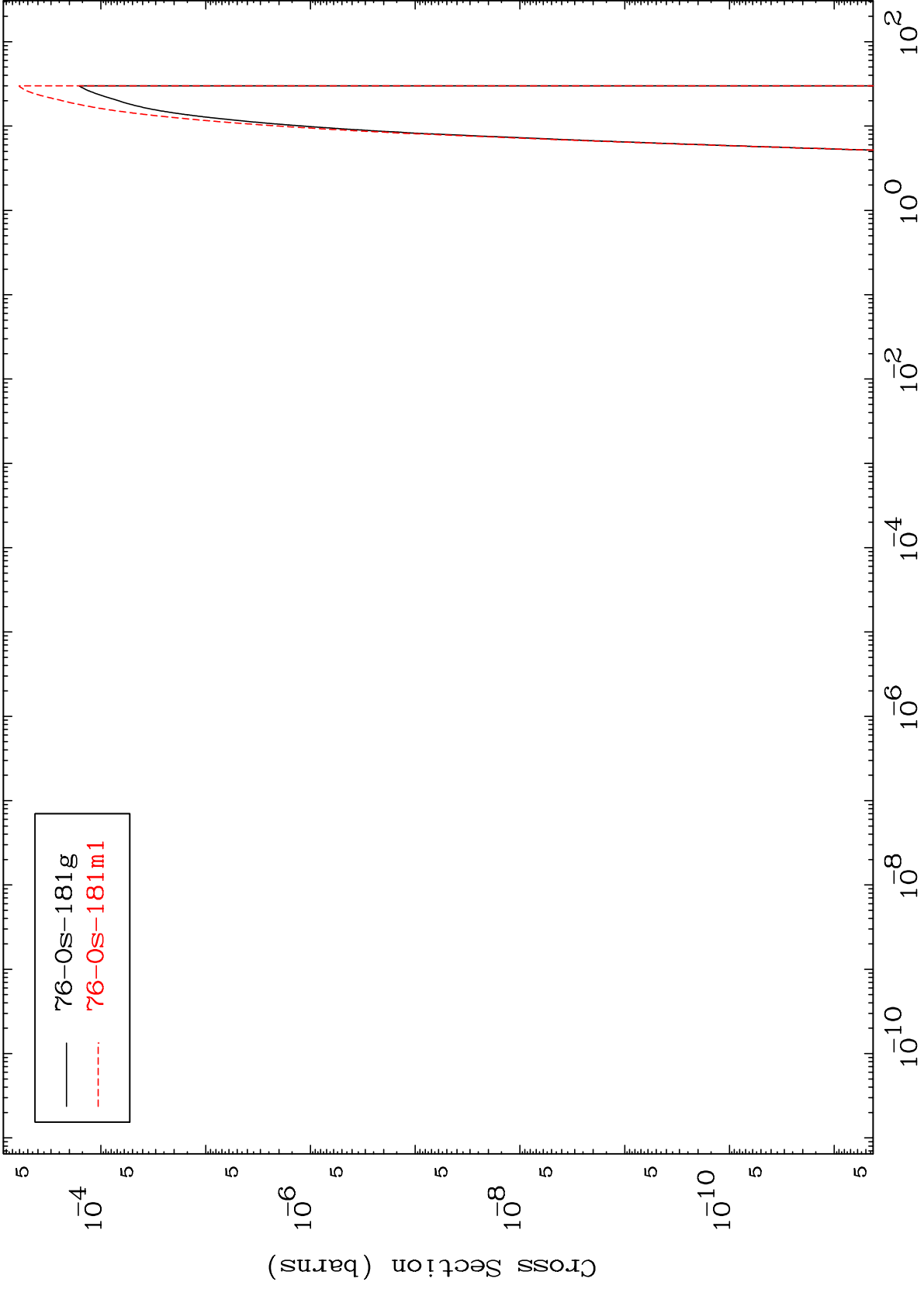
78-Pt-182

MAT 7801

(n,2p)

78-Pt-182

Radionuclide Production Cross Section



131

Incident Energy (MeV)

78-Pt-182